

FIG. 1

FIG. 2

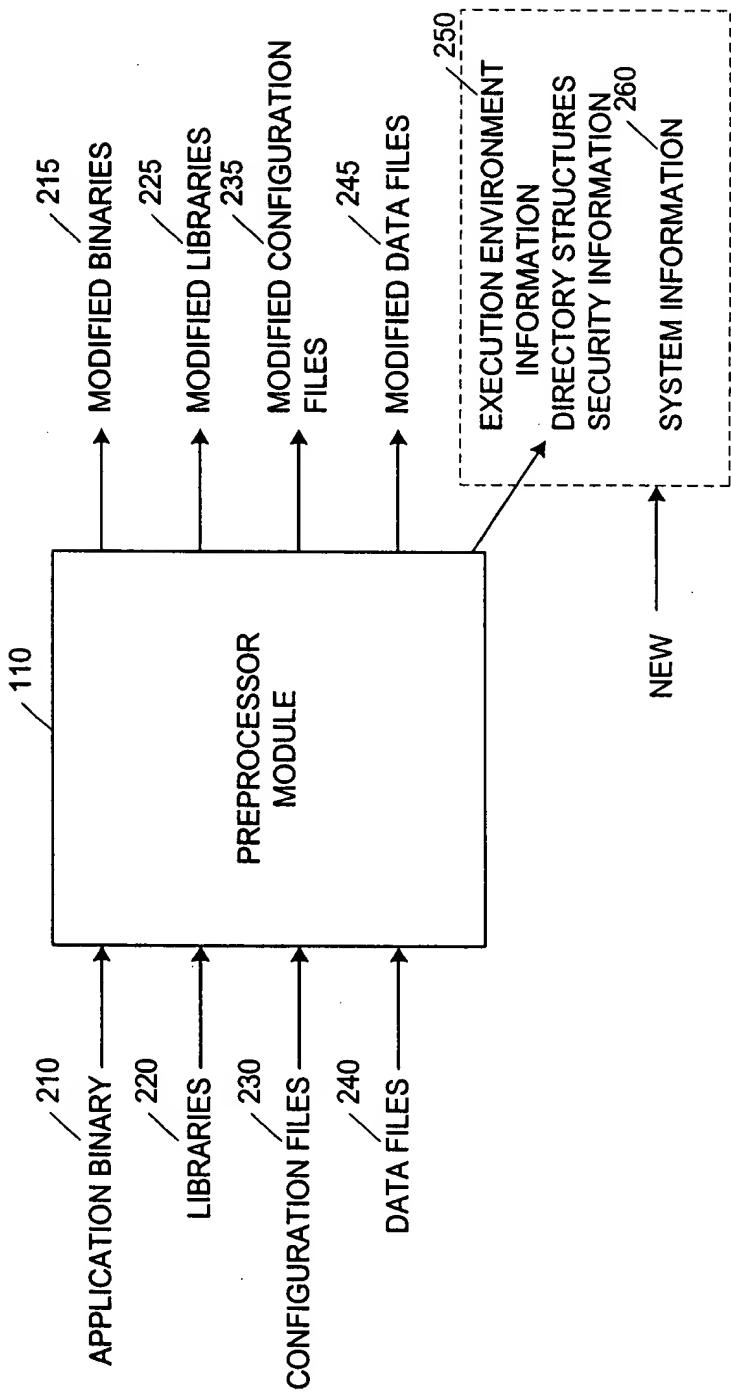
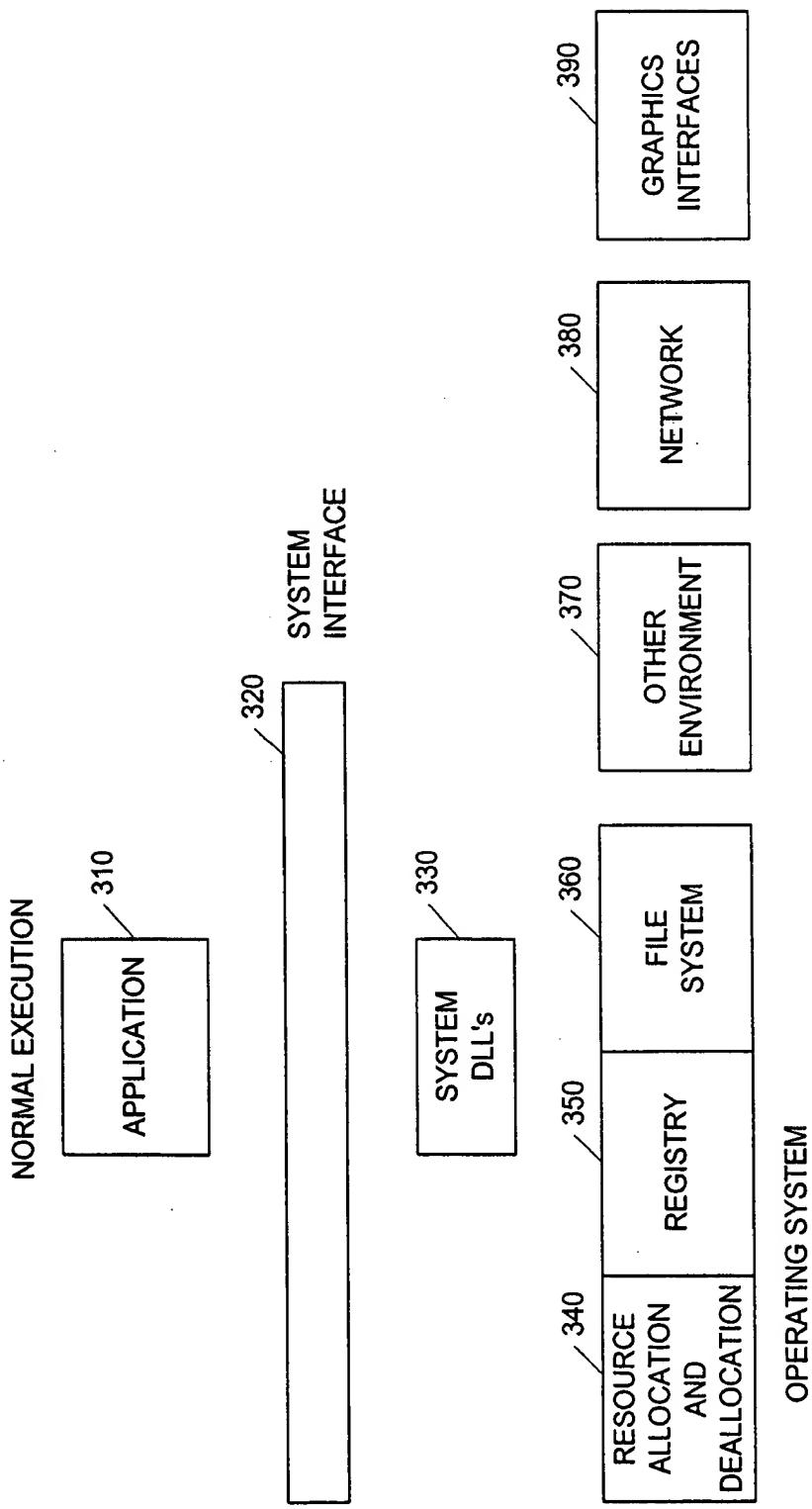


FIG. 3



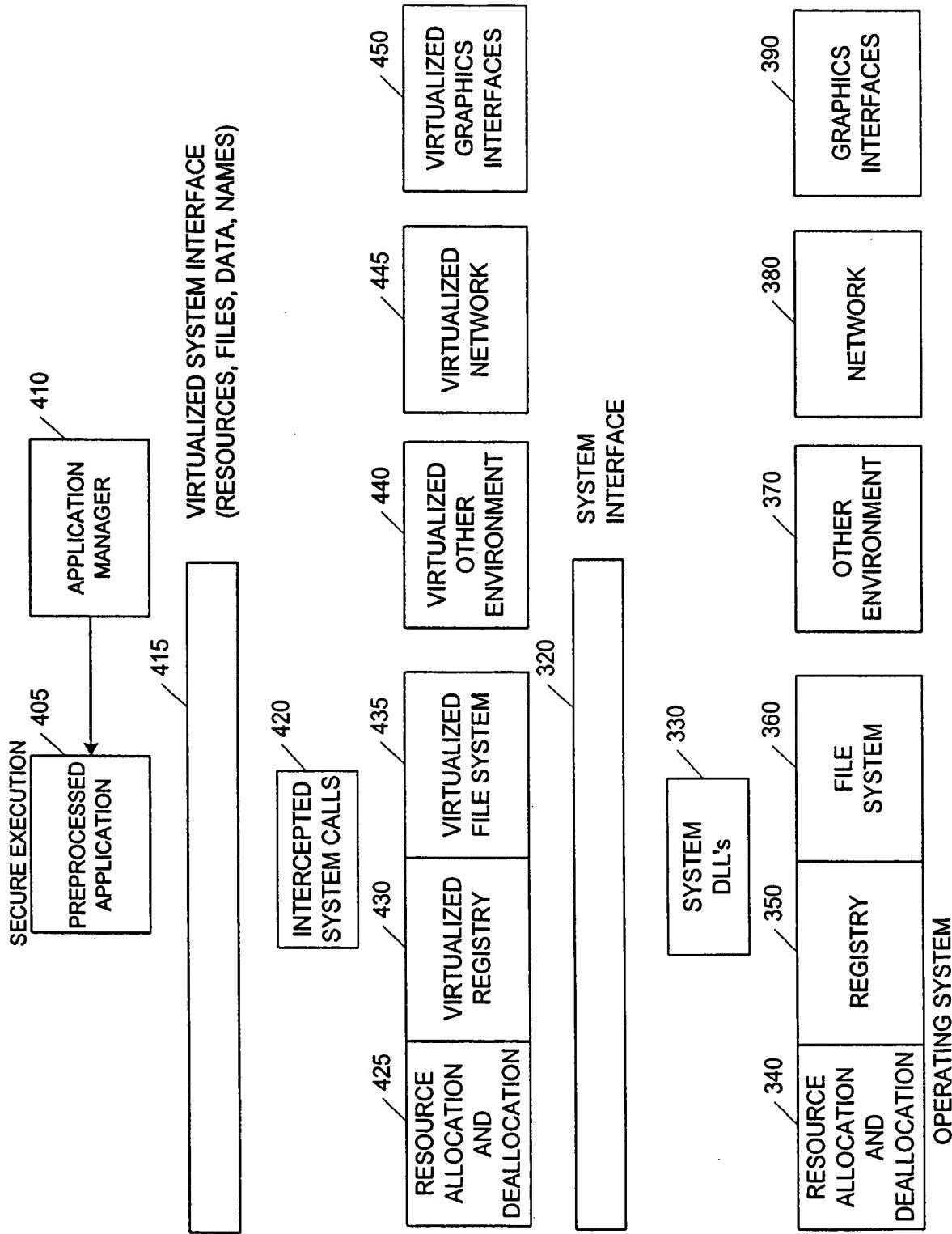


FIG. 4

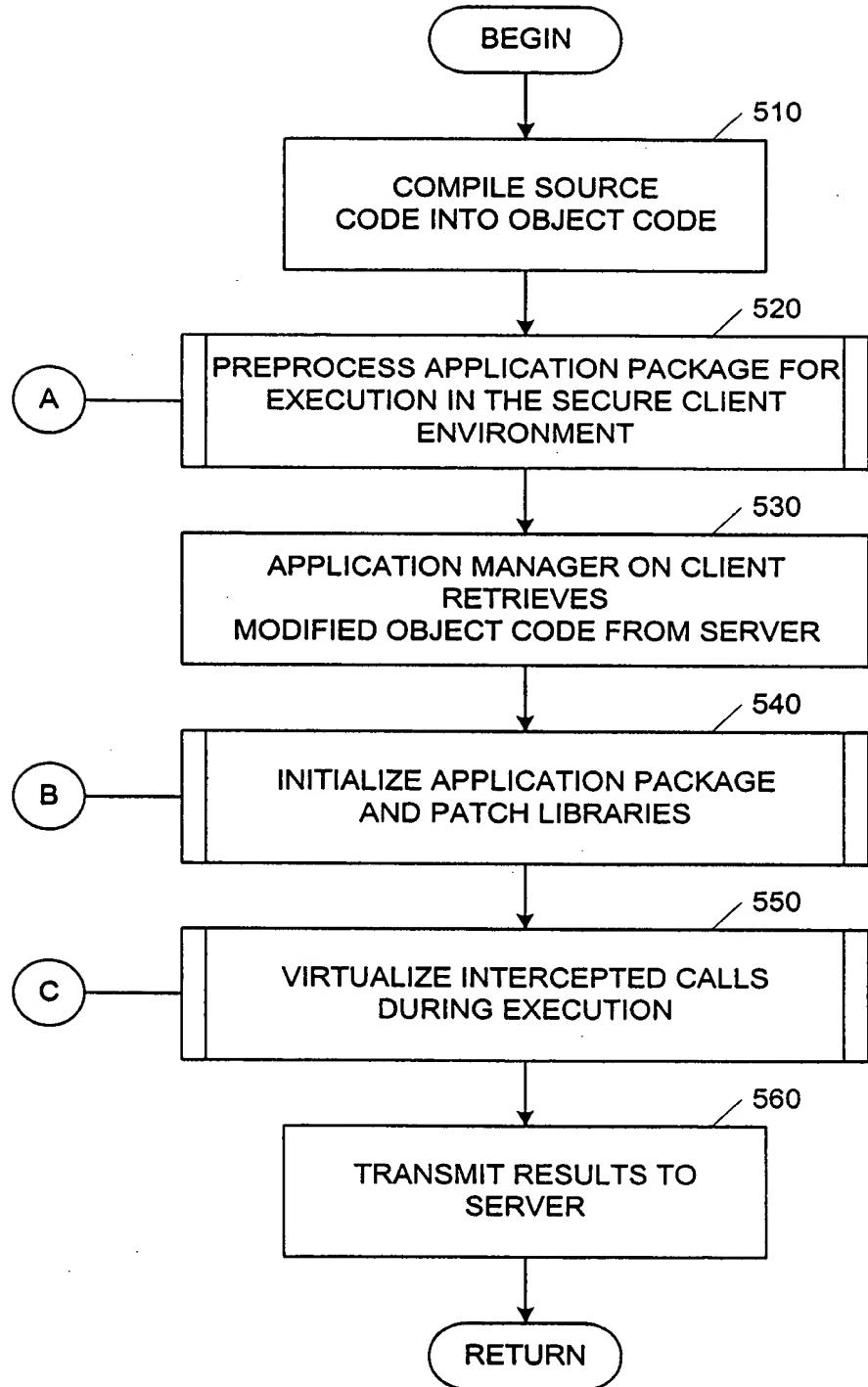


FIG. 5

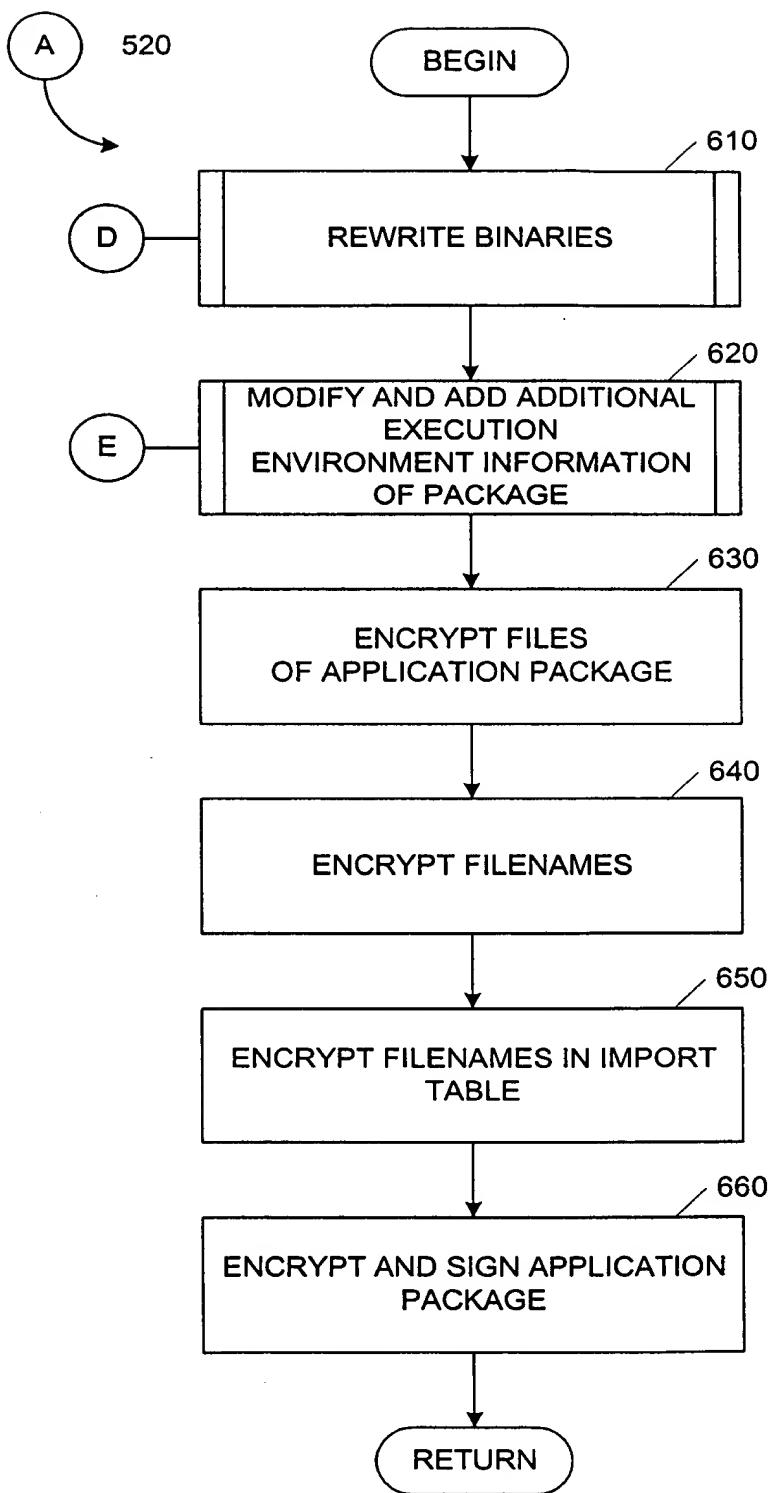


FIG. 6

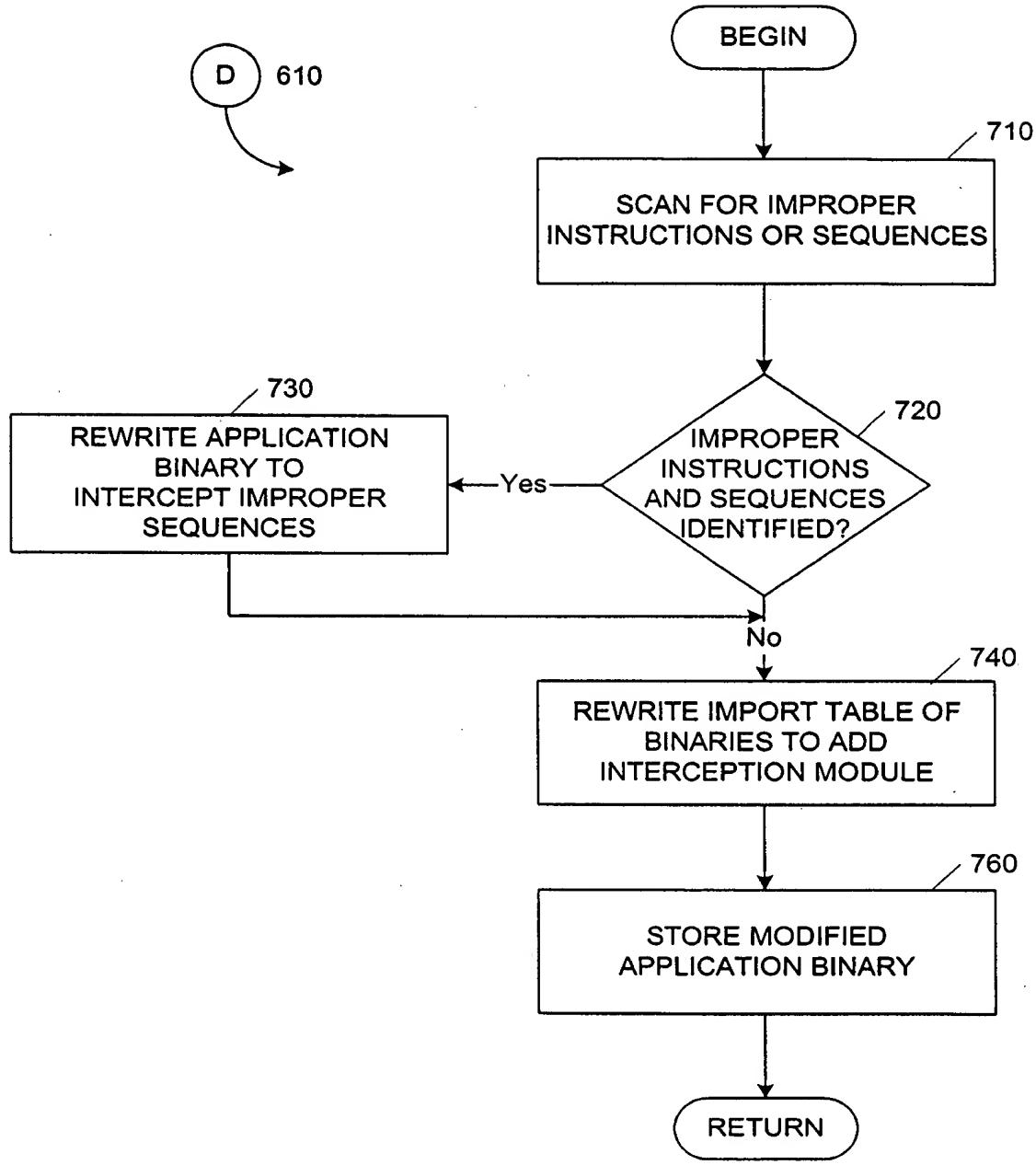


FIG. 7

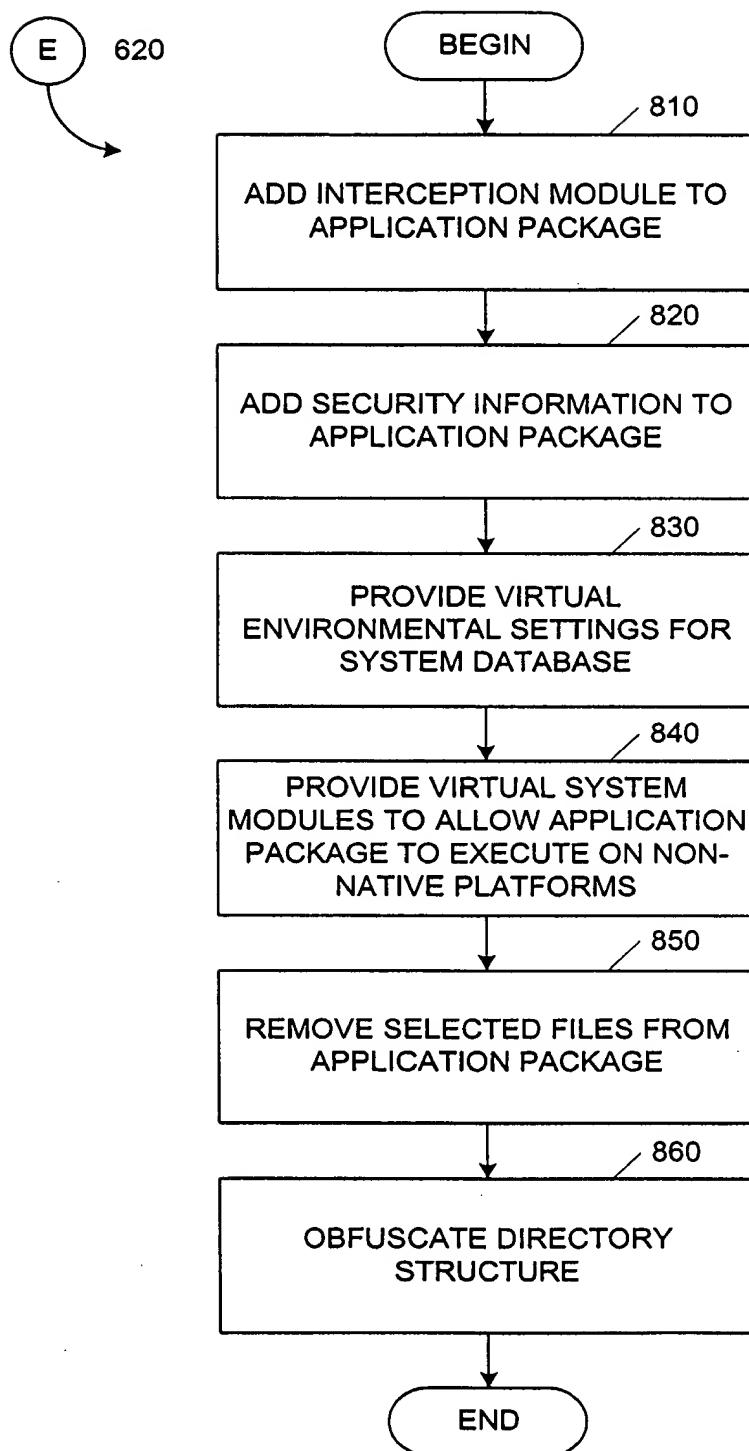


FIG. 8

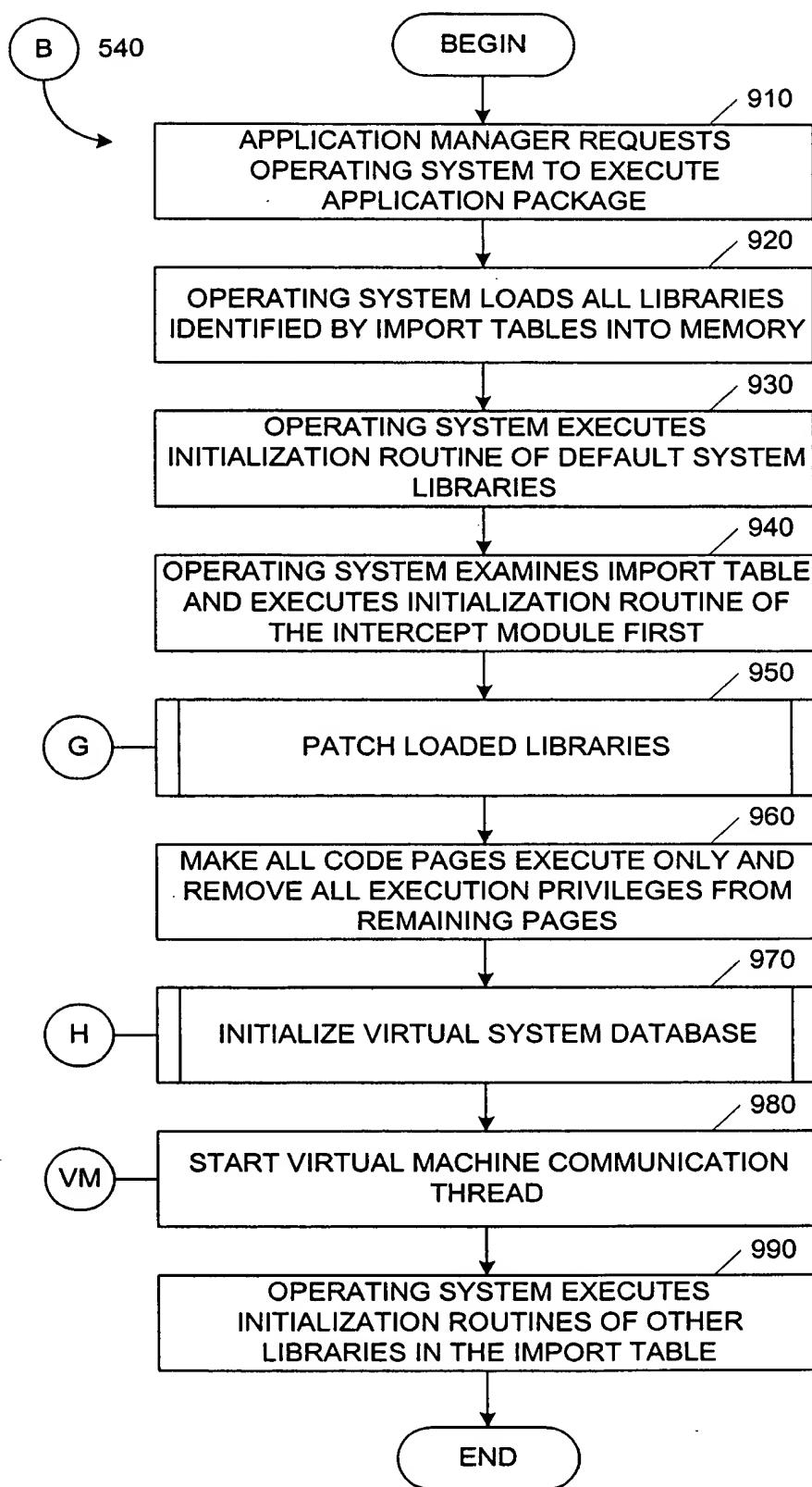


FIG. 9

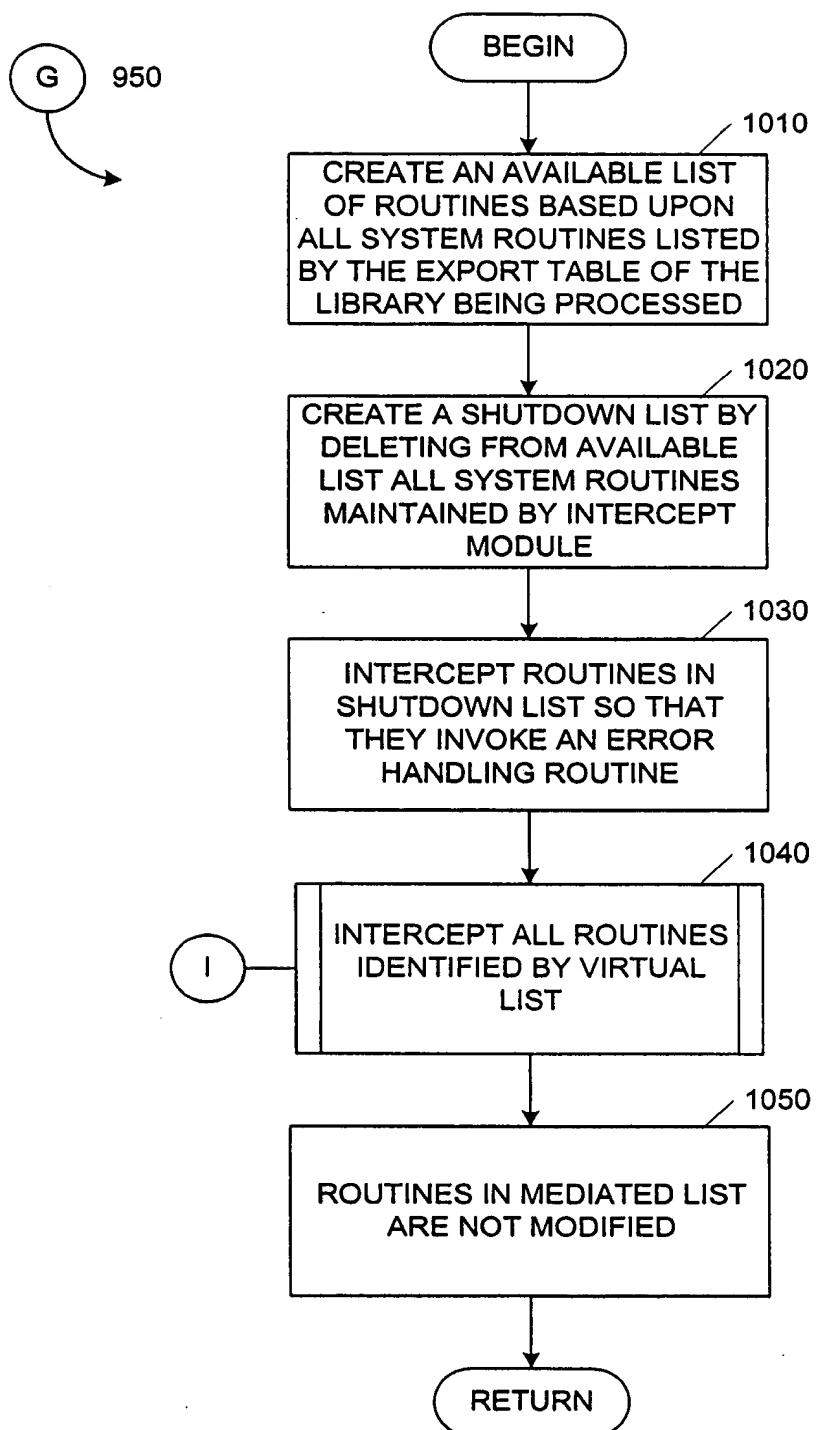


FIG. 10

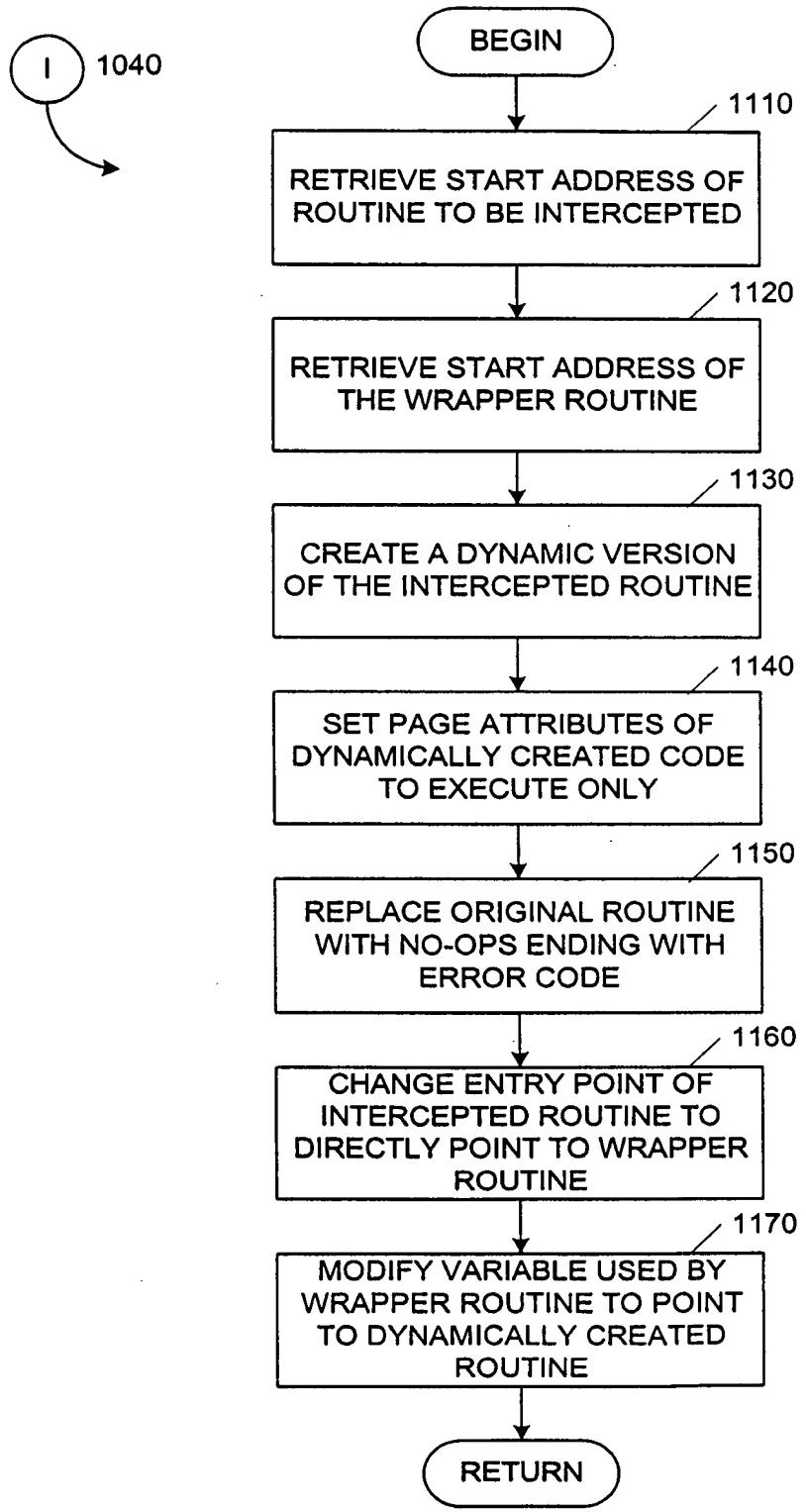


FIG. 11

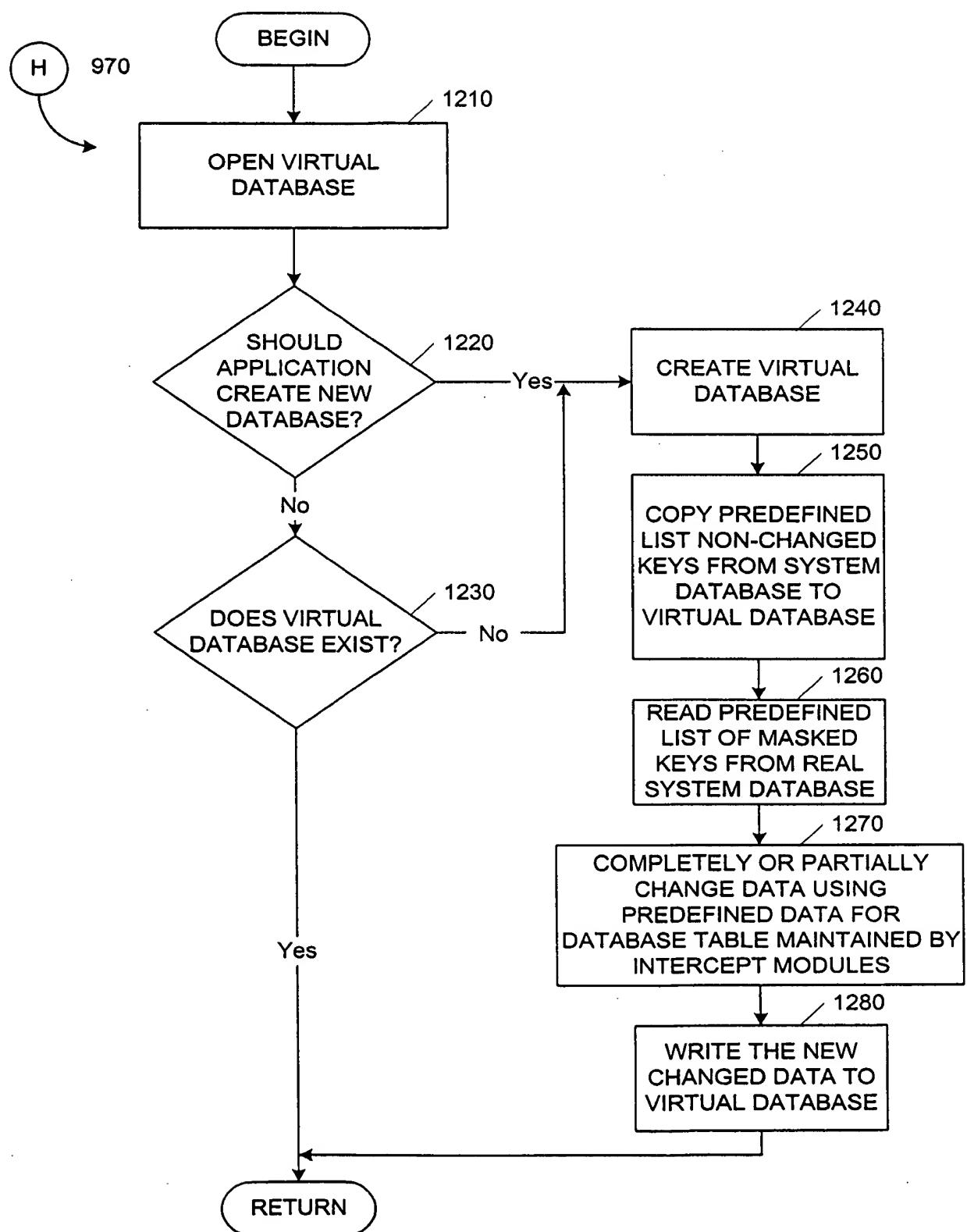


FIG. 12

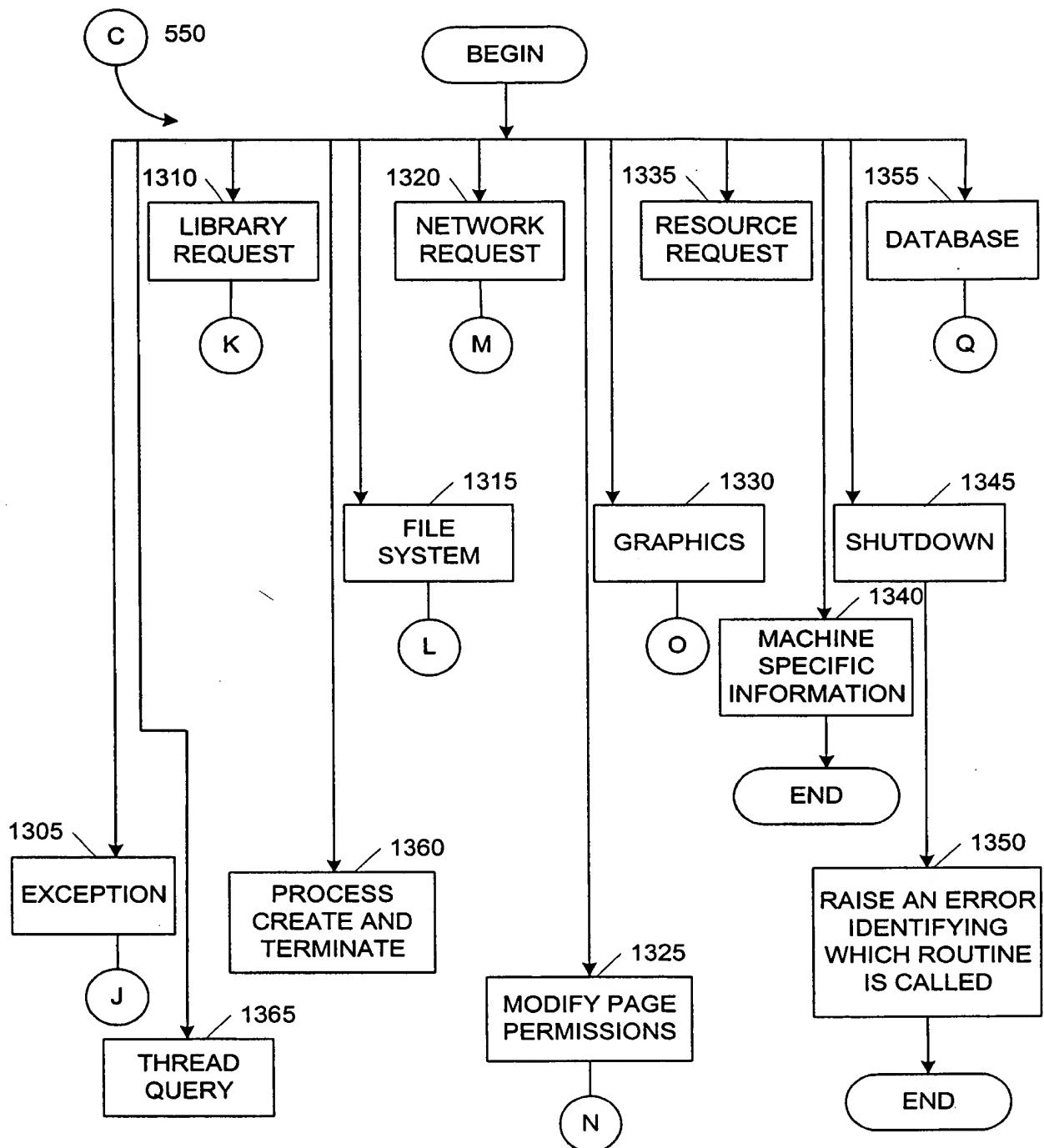


FIG. 13

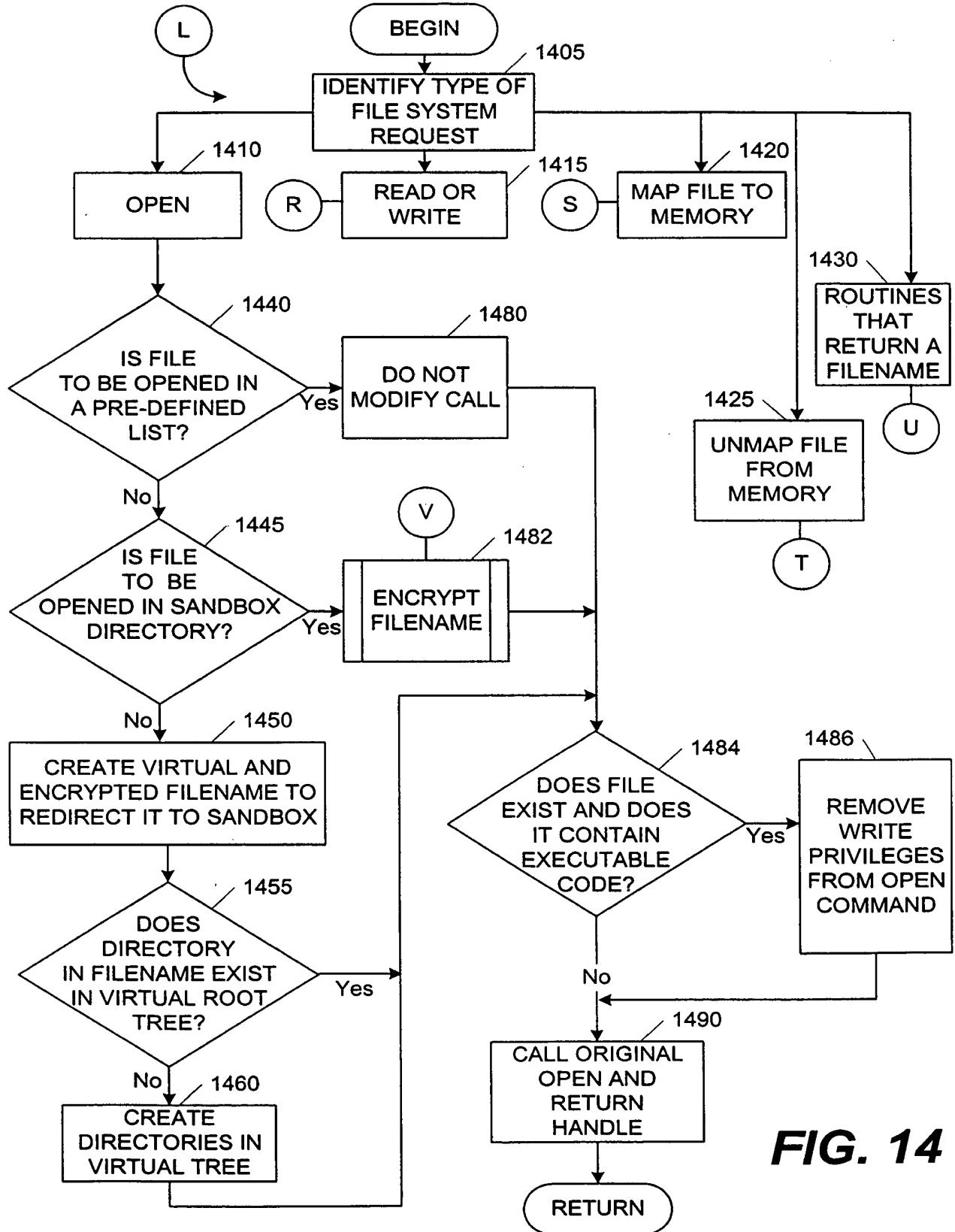


FIG. 14

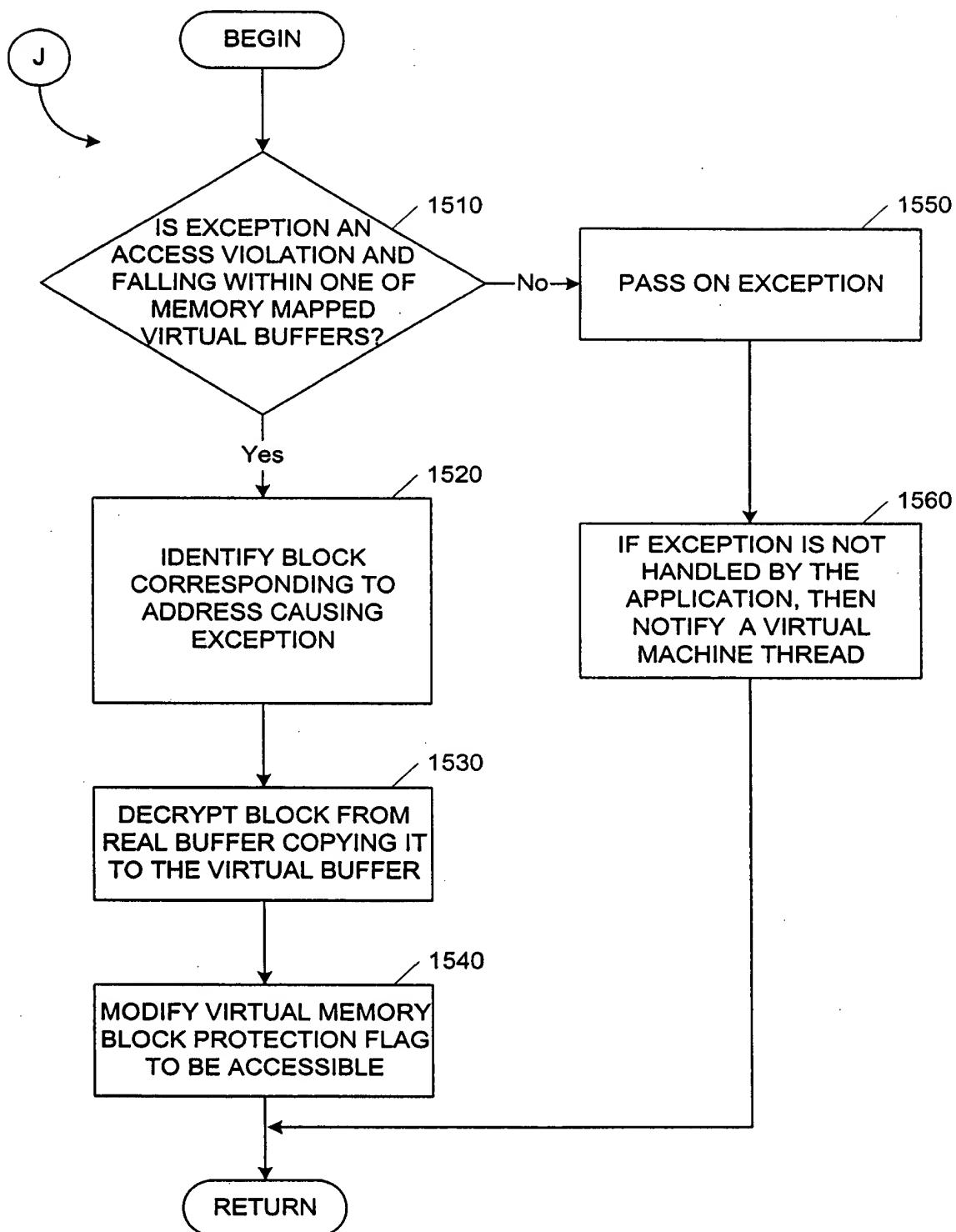


FIG. 15

1000 7 5 325
SEARCHED INDEXED SERIALIZED FILED
1984 MAR 12

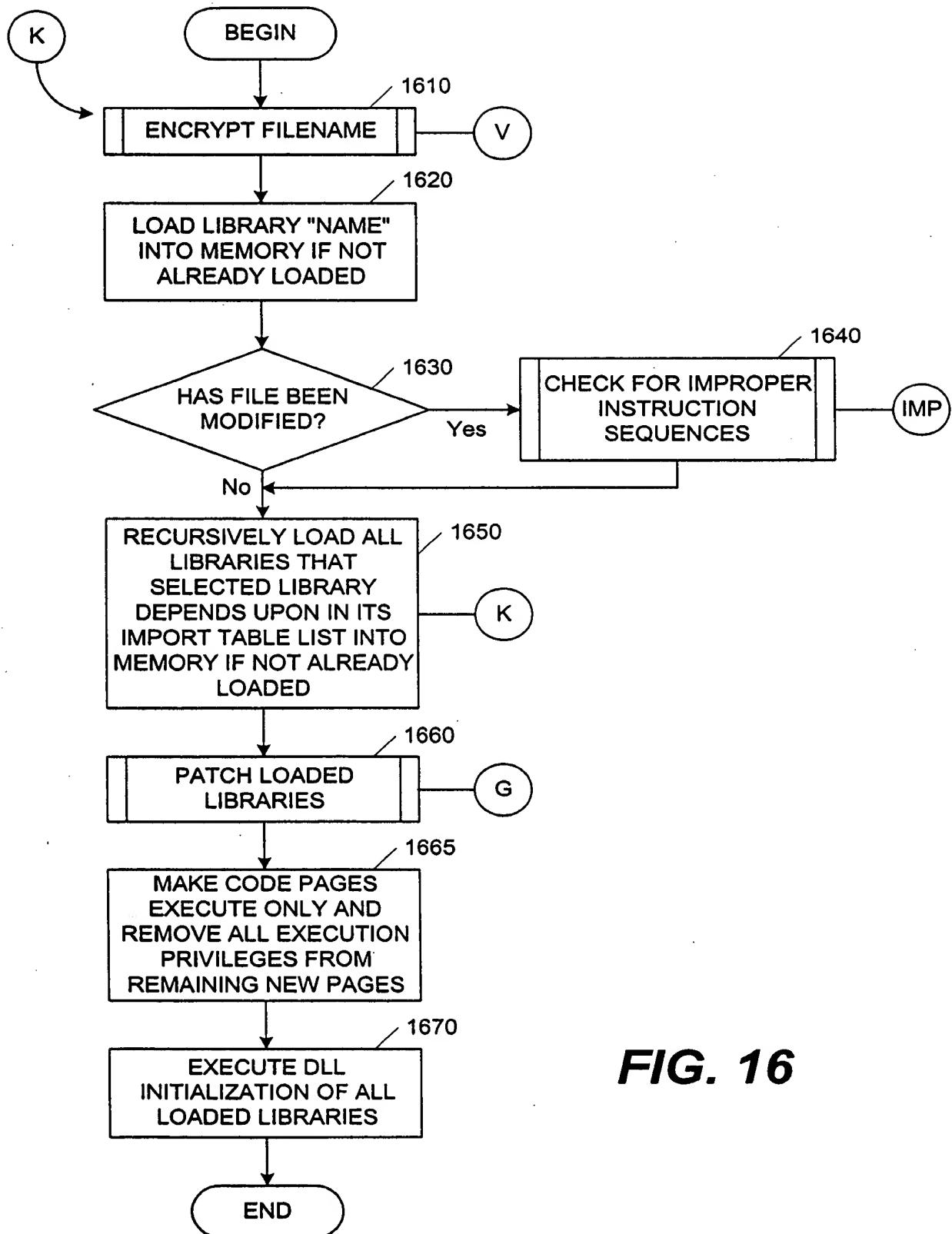


FIG. 16

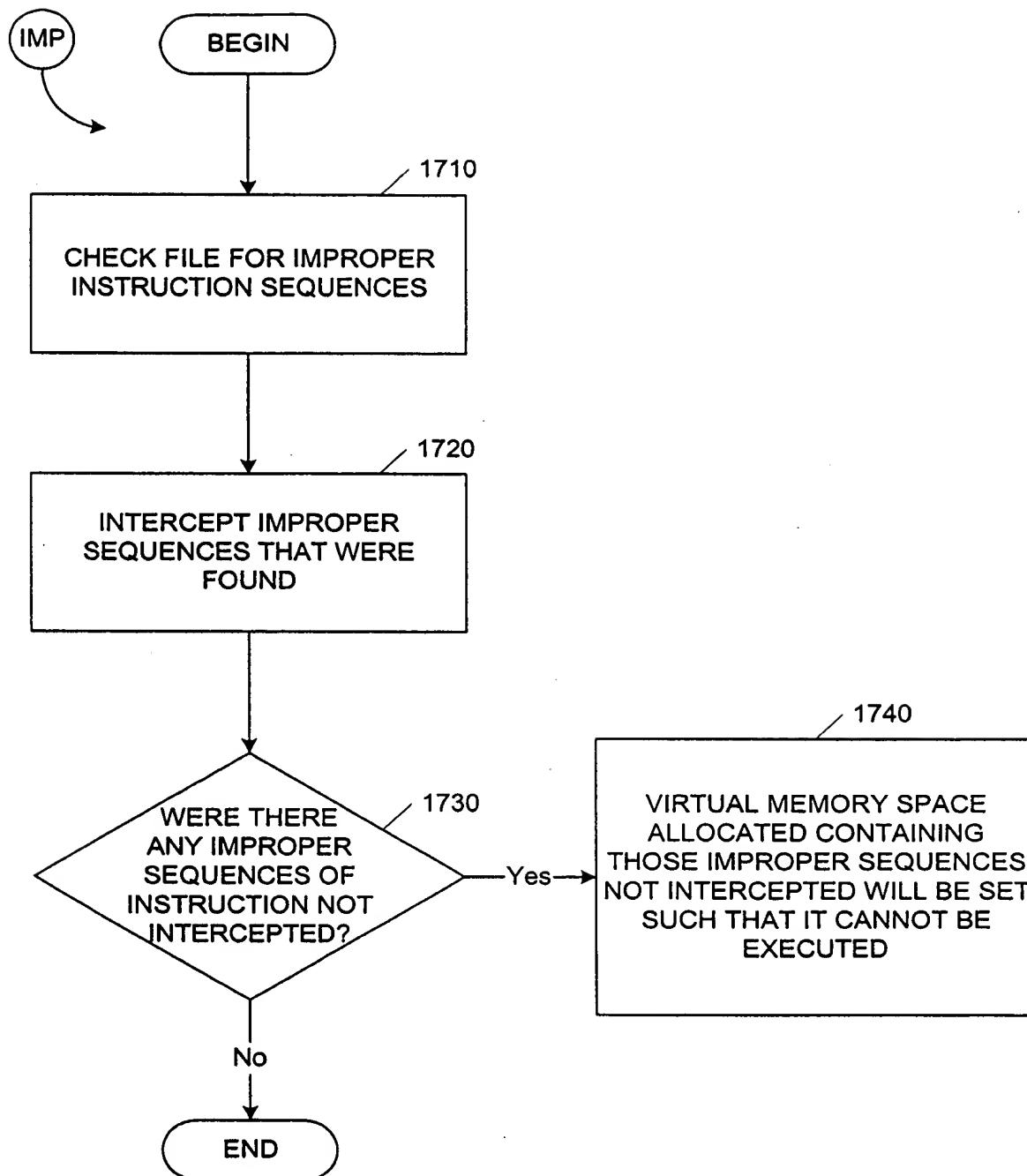
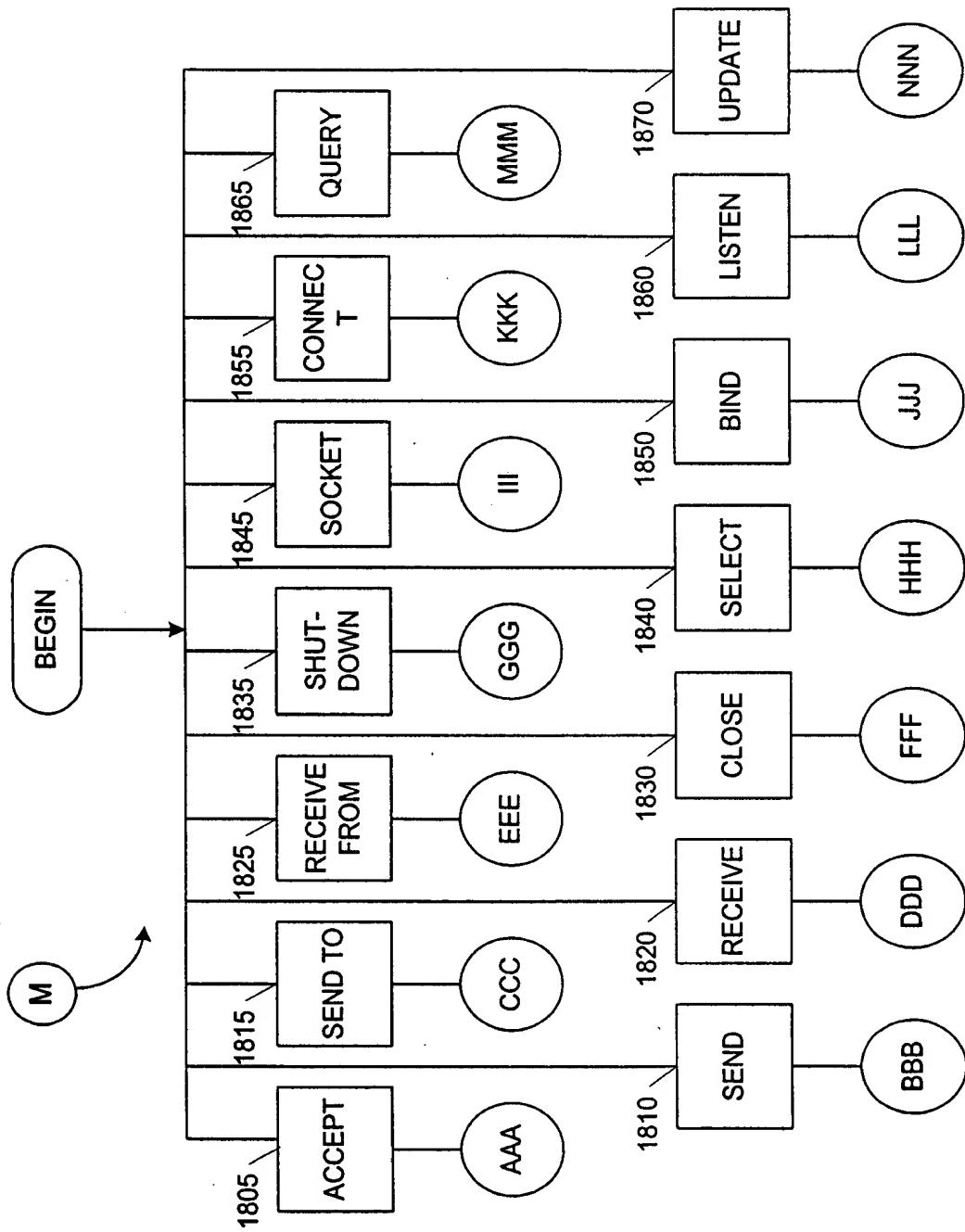


FIG. 17

FIG. 18



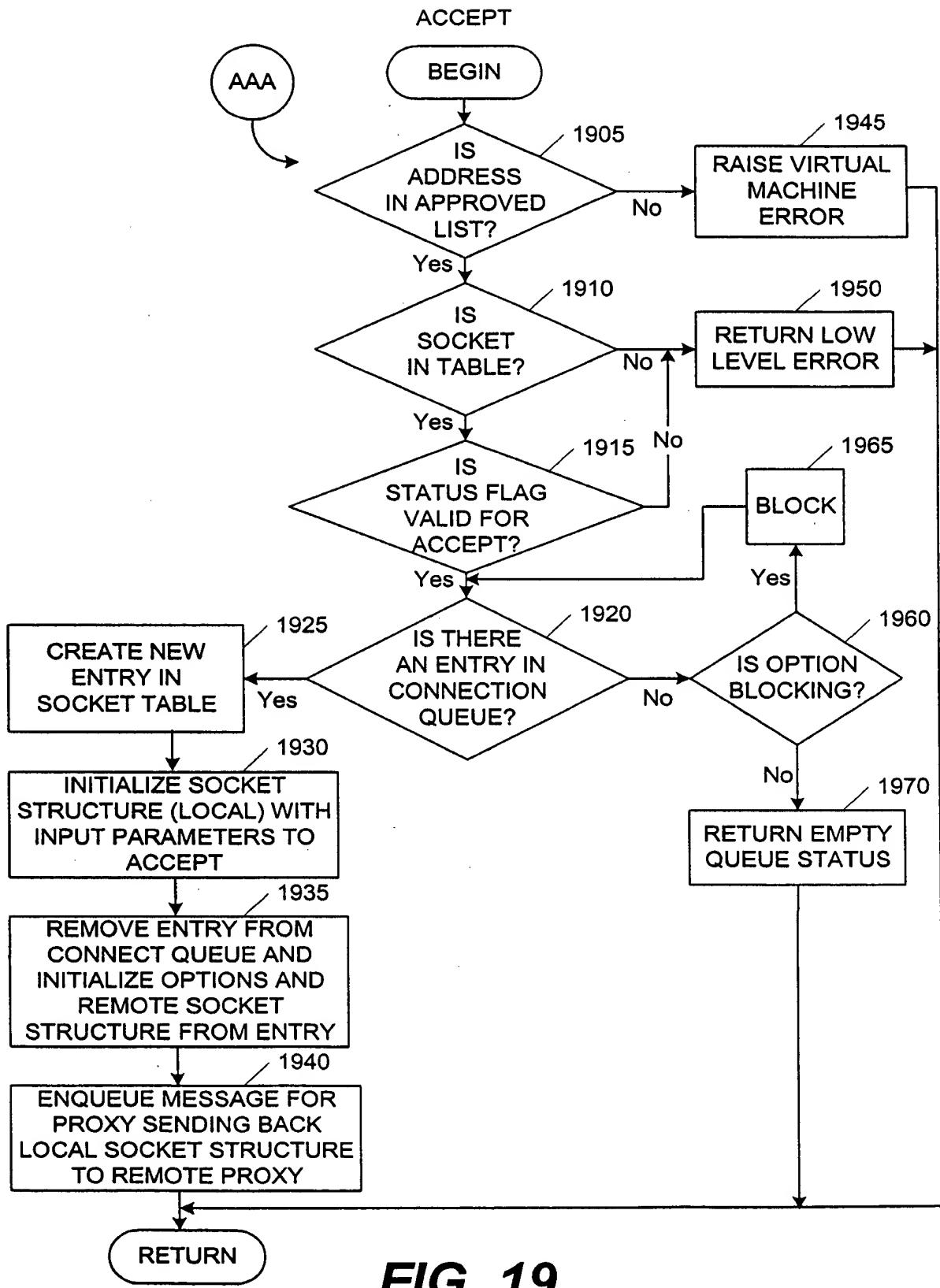


FIG. 19

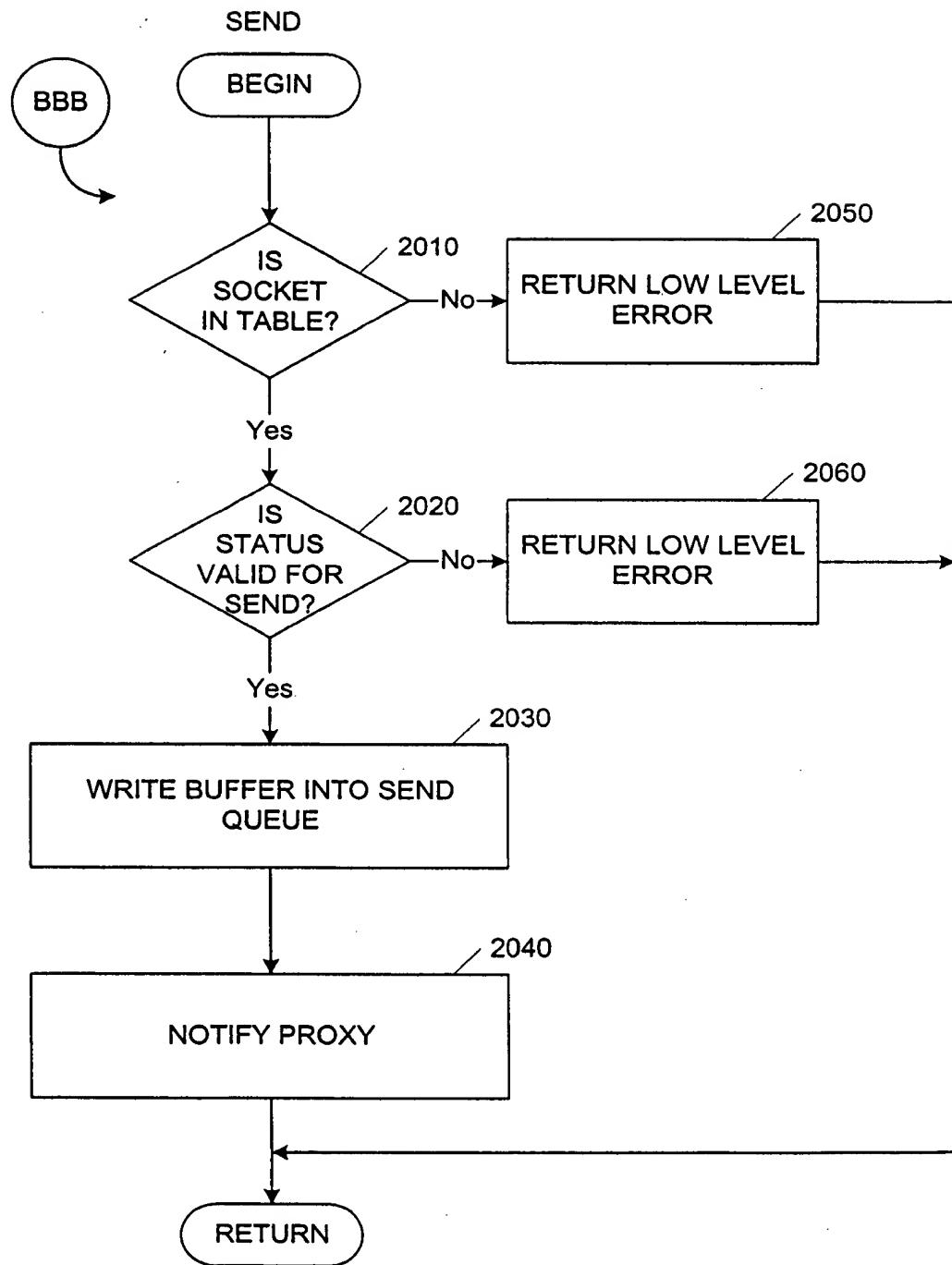


FIG. 20

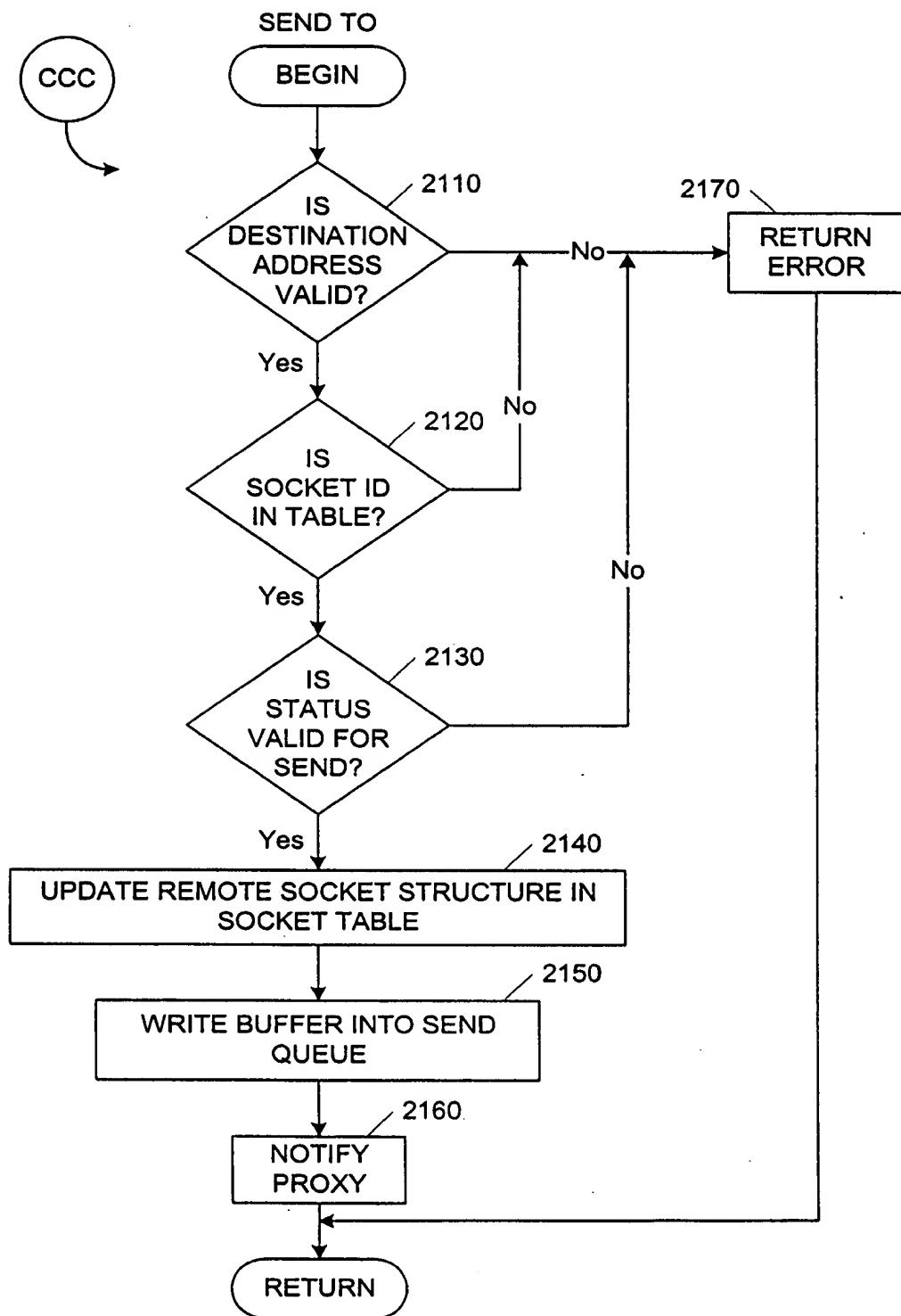


FIG. 21

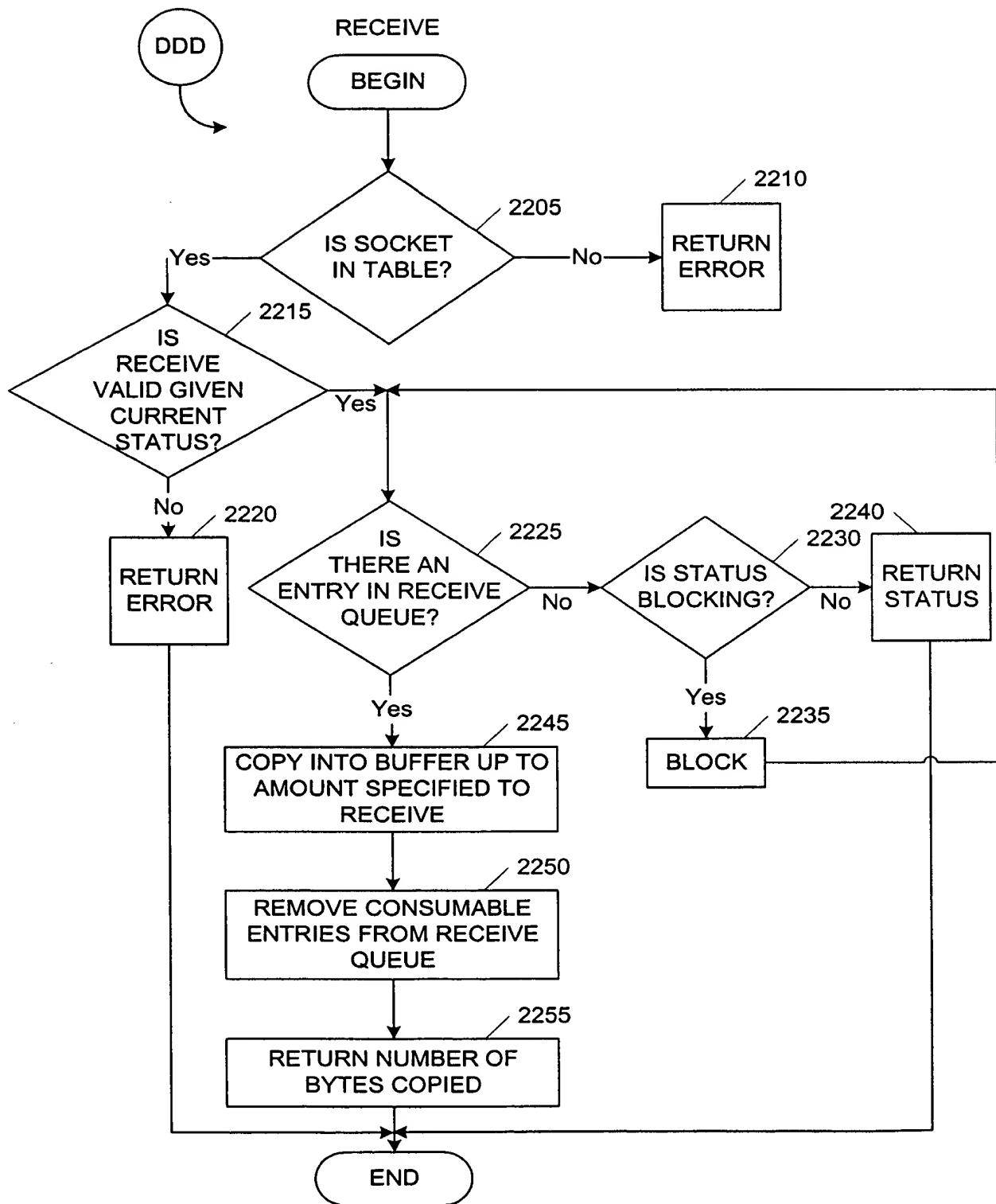


FIG. 22

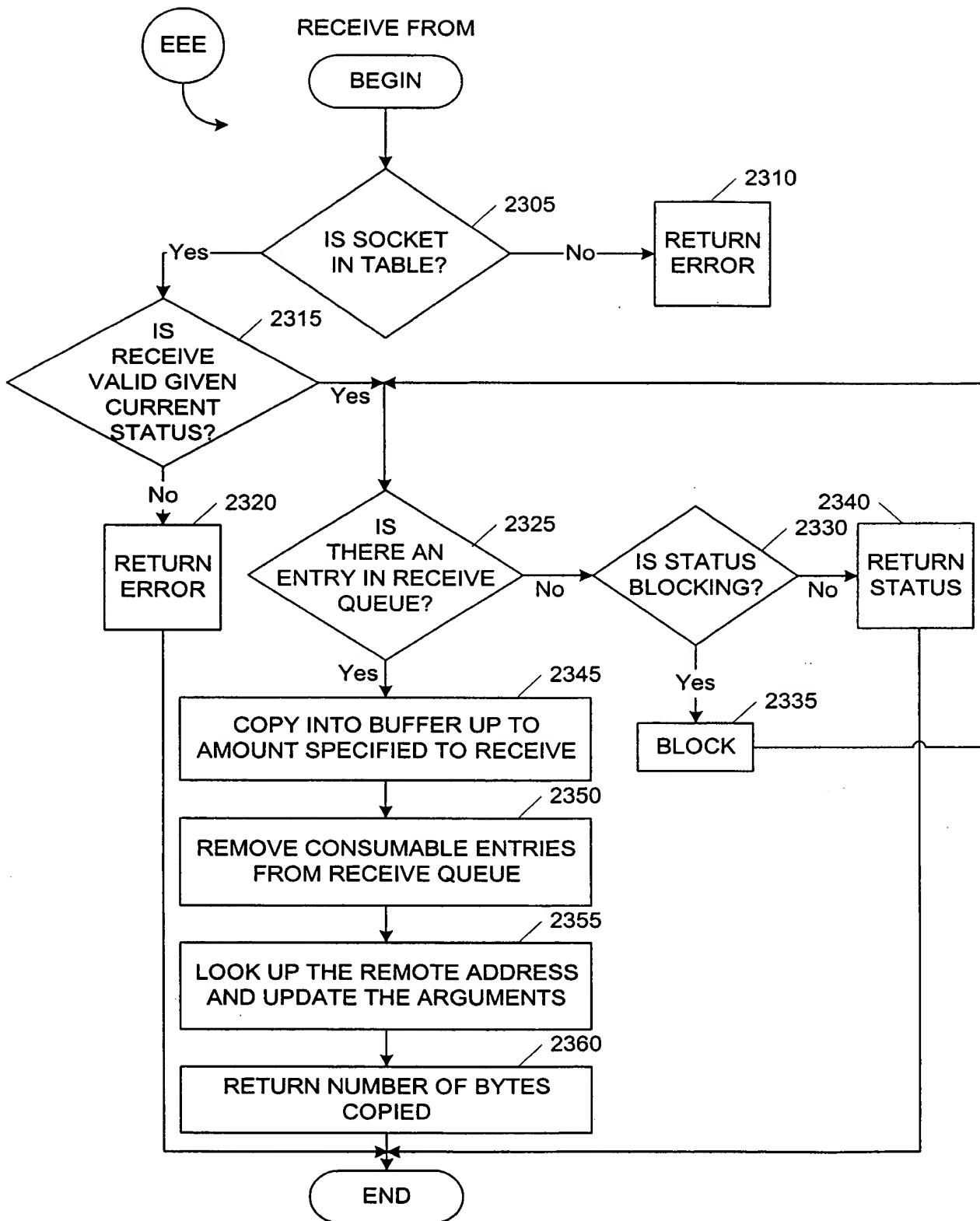


FIG. 23

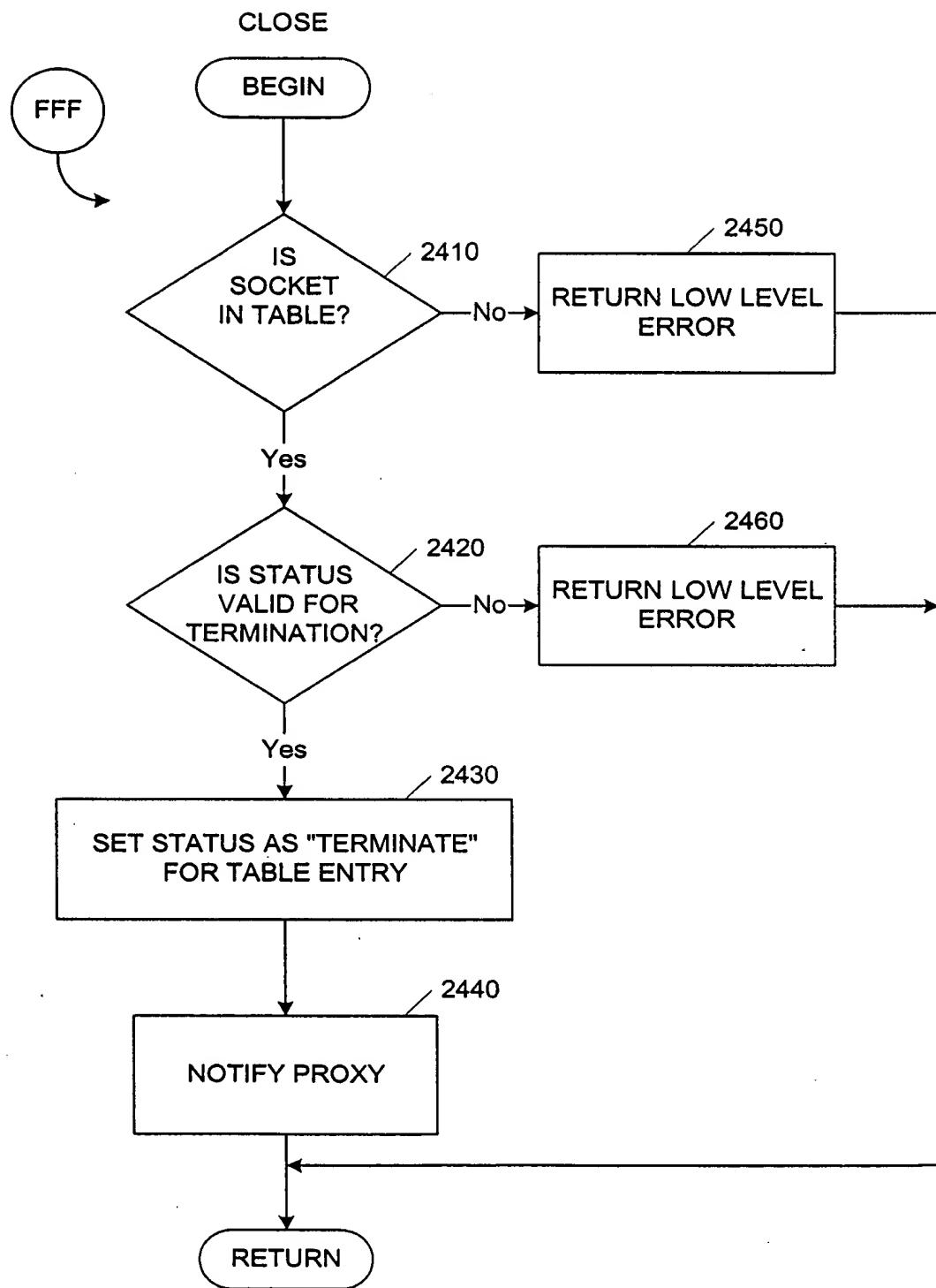


FIG. 24

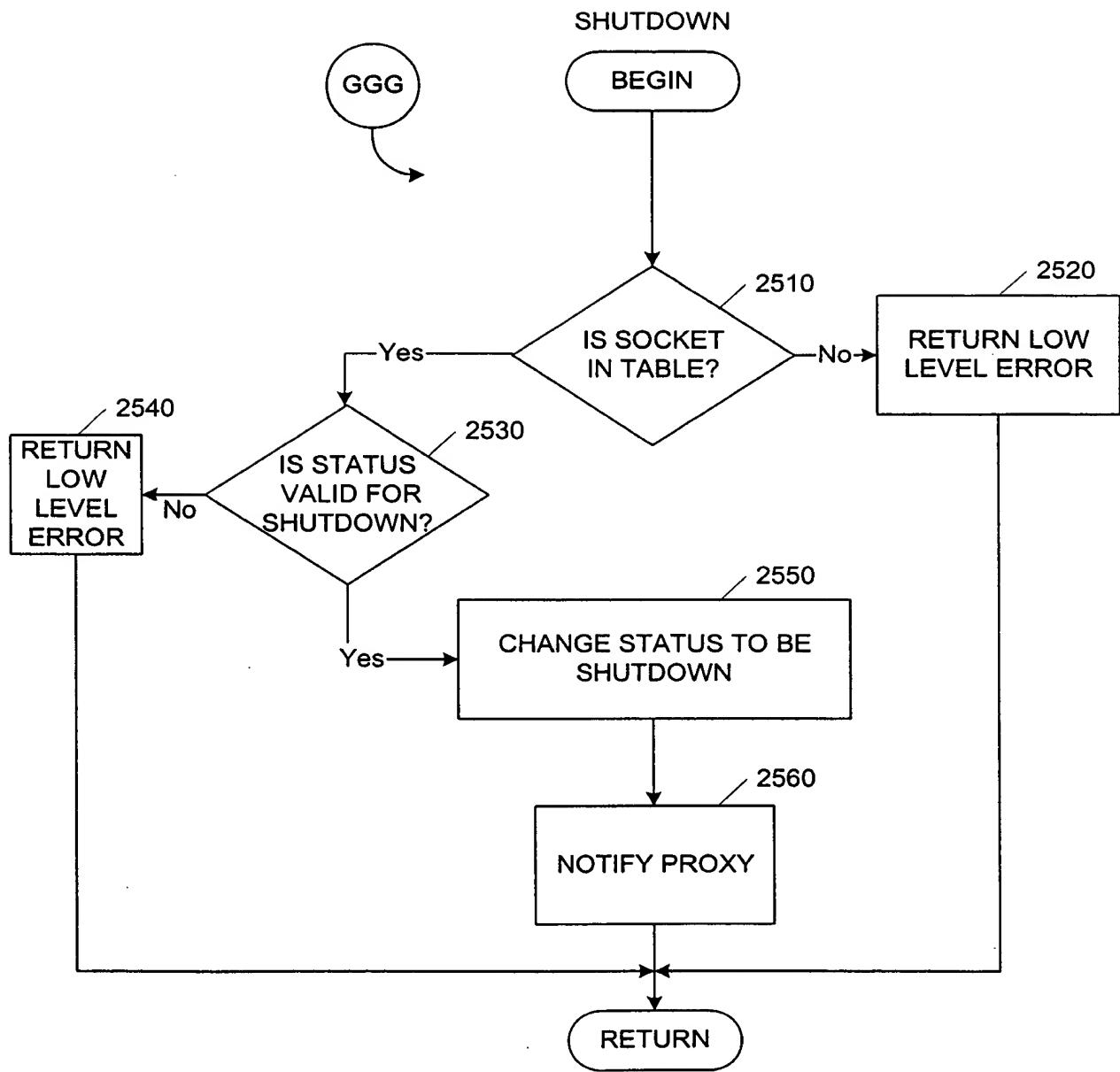


FIG. 25

100% 100%
100% 100%

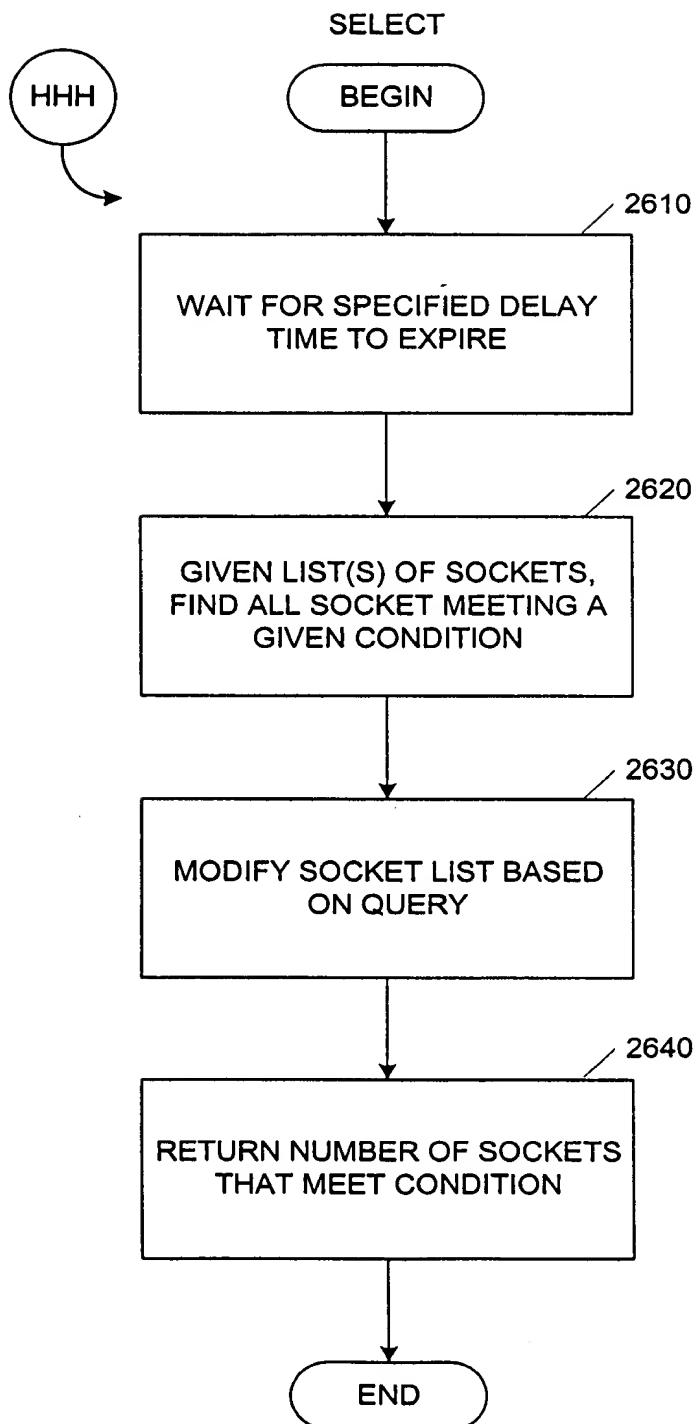


FIG. 26

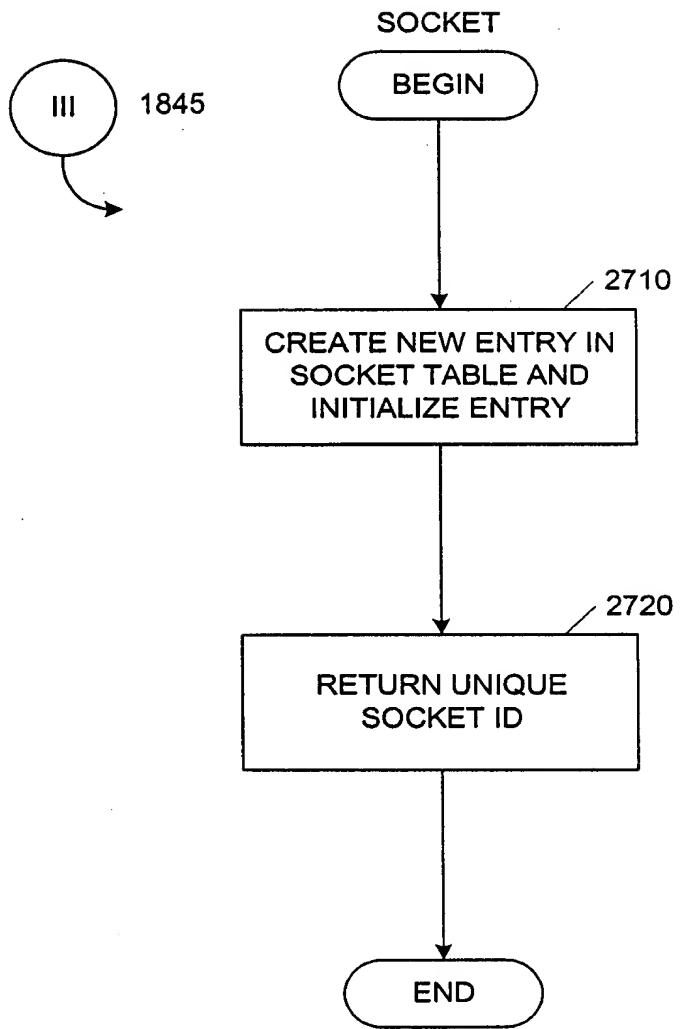


FIG. 27

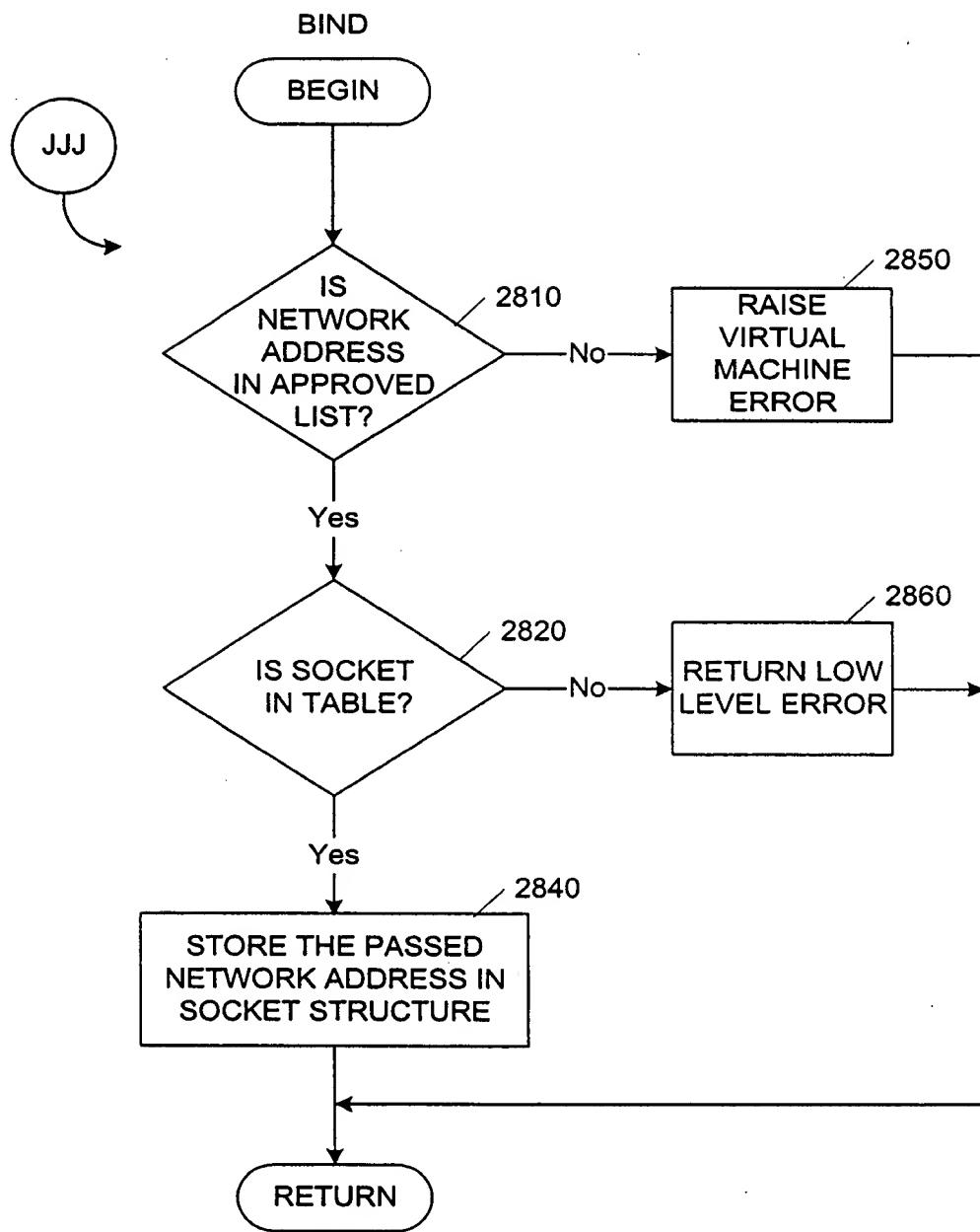


FIG. 28

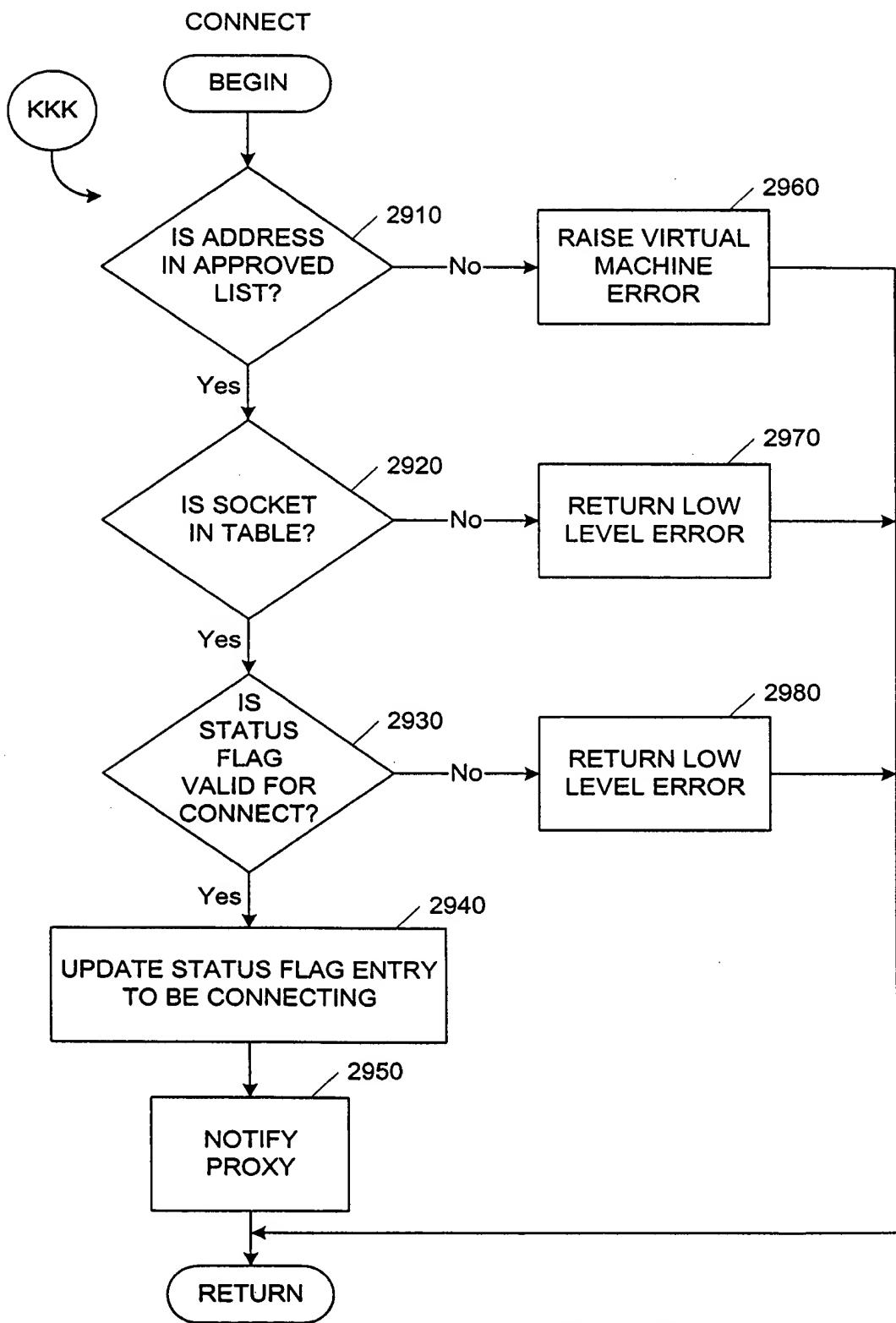


FIG. 29

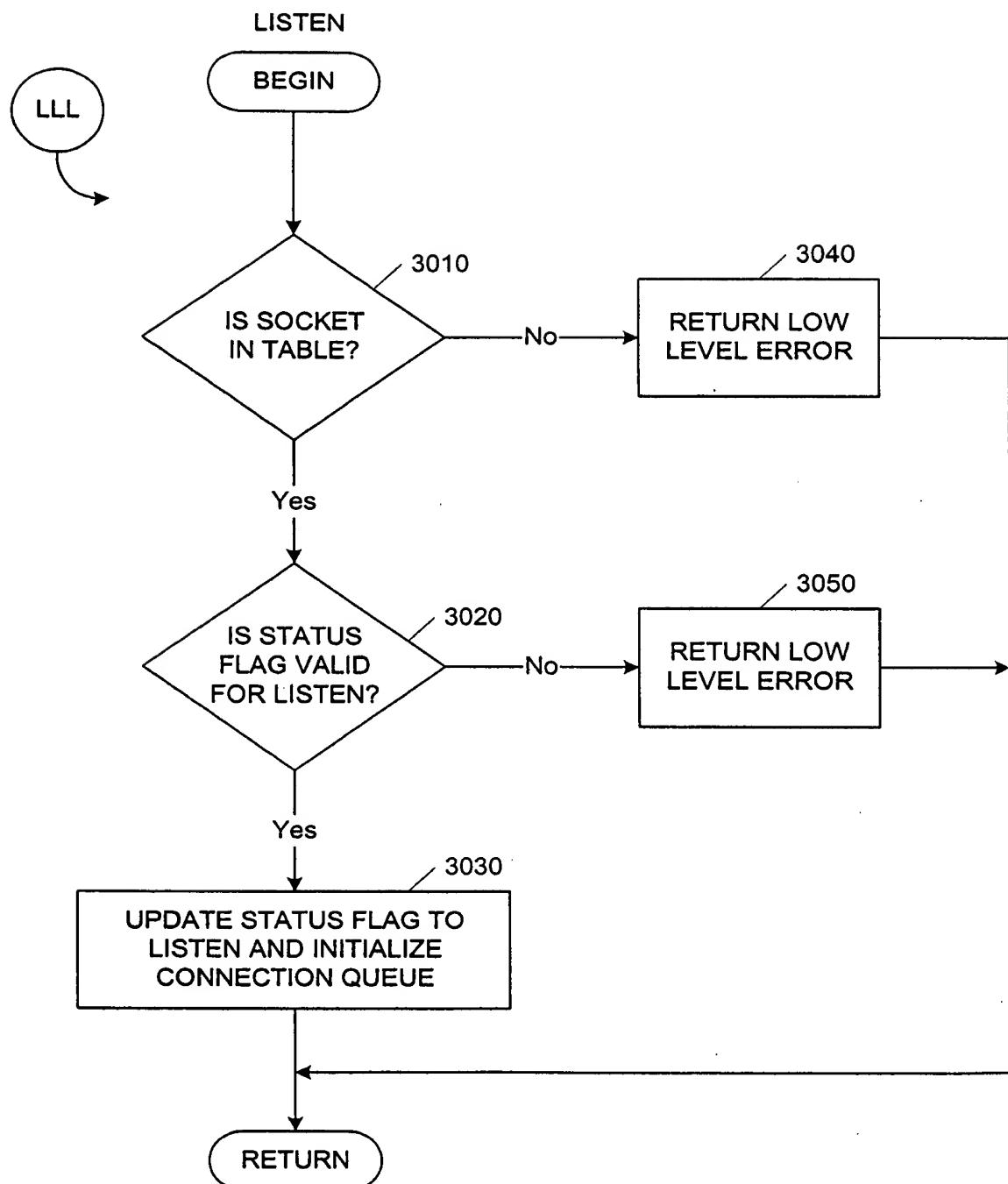


FIG. 30

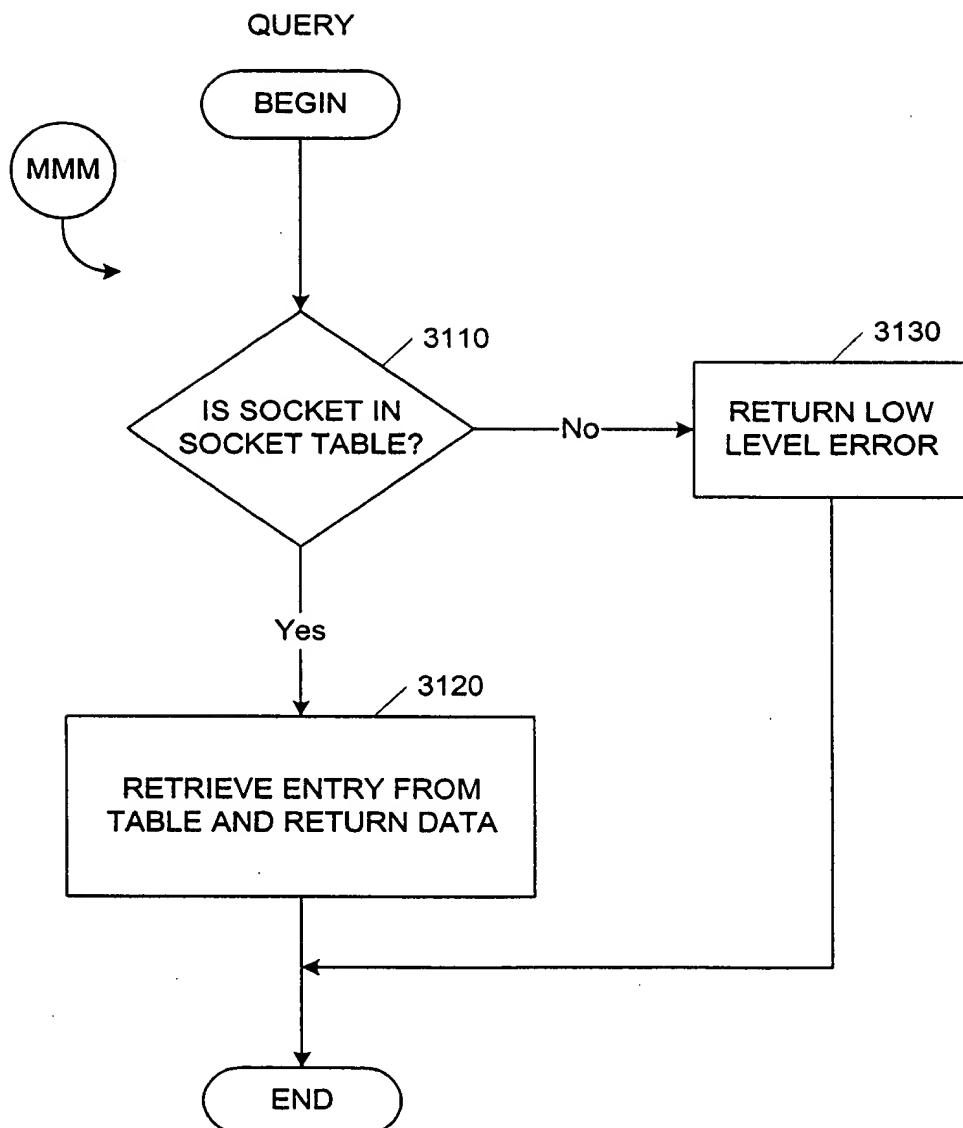


FIG. 31

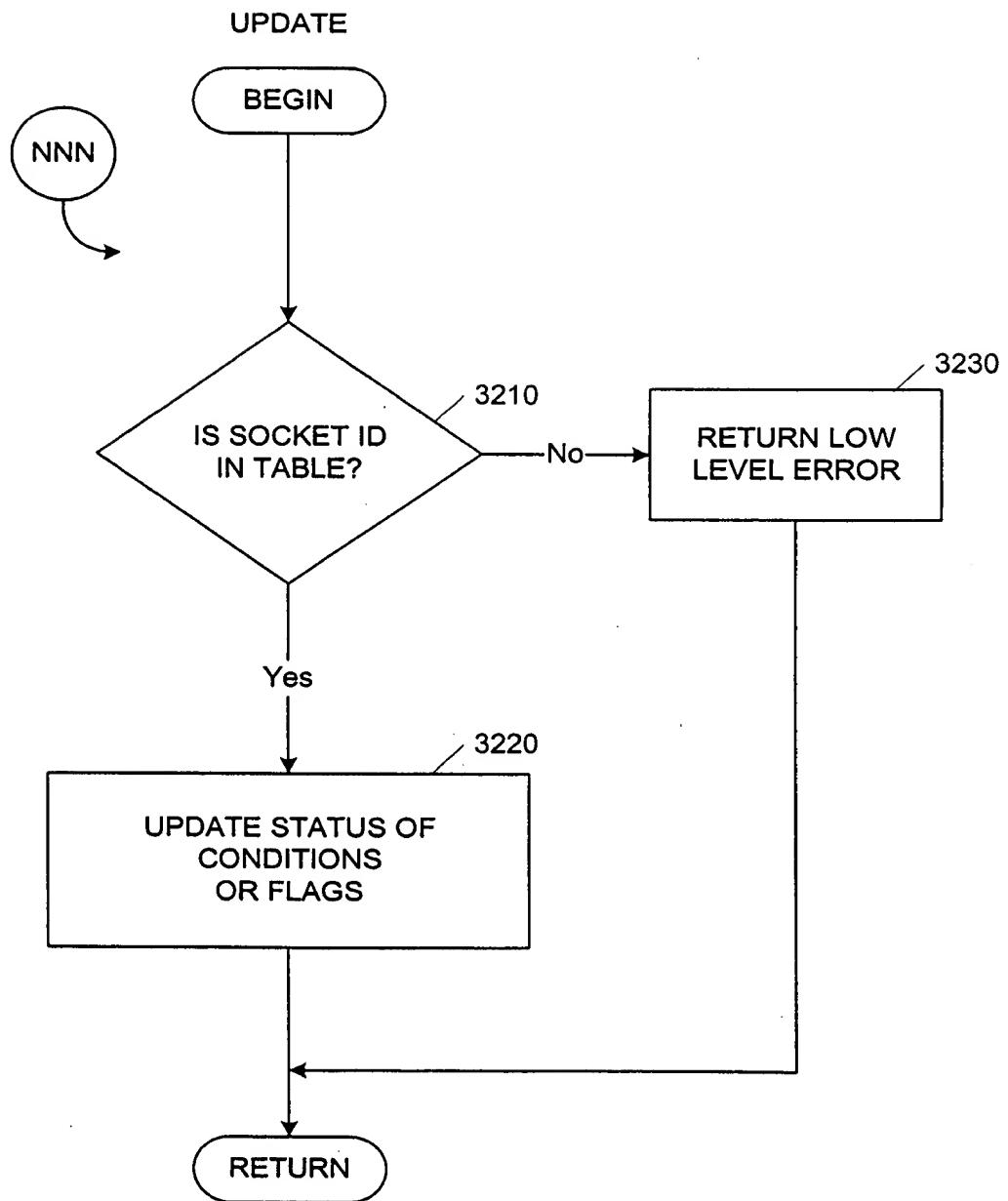


FIG. 32

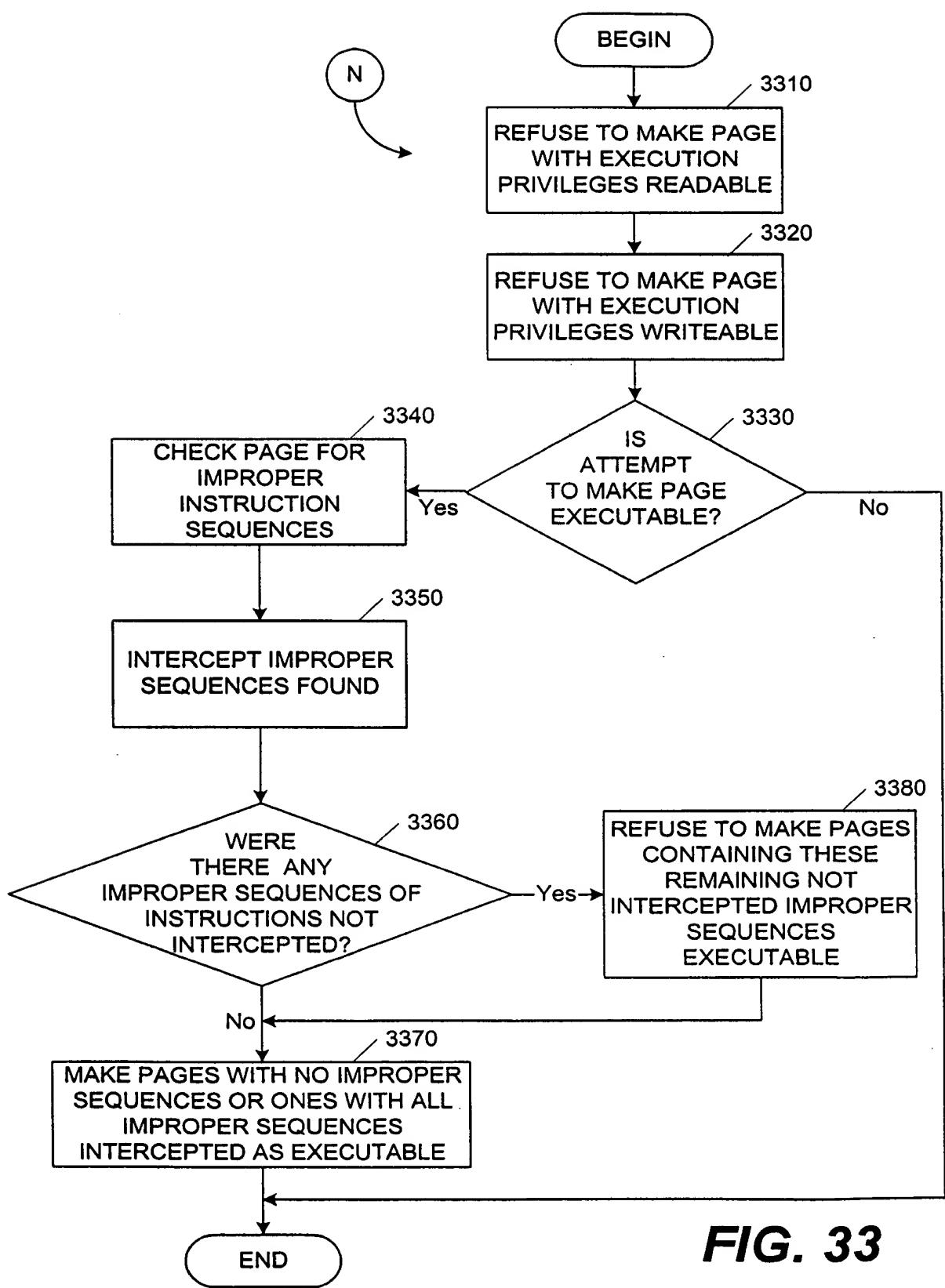


FIG. 33

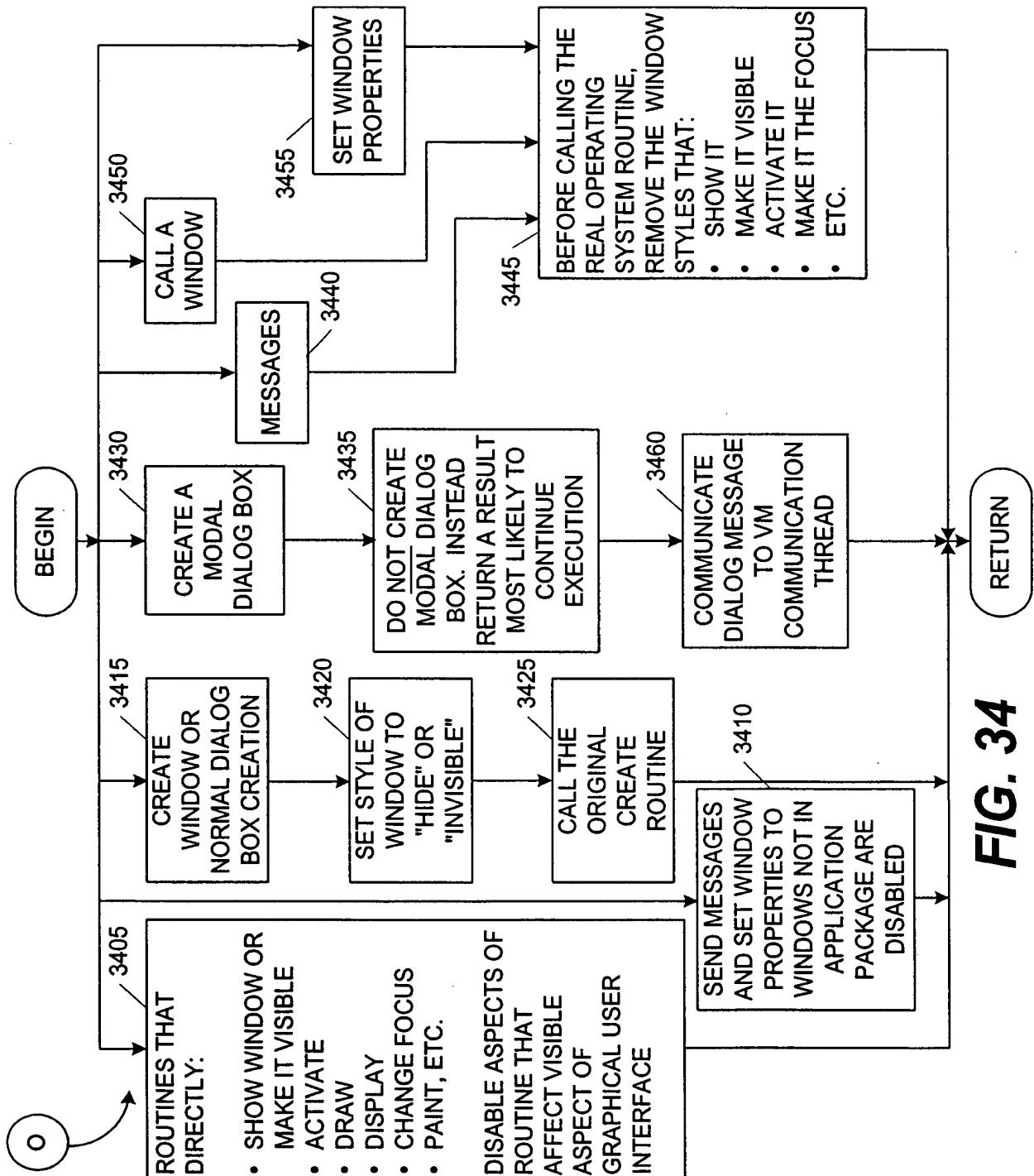
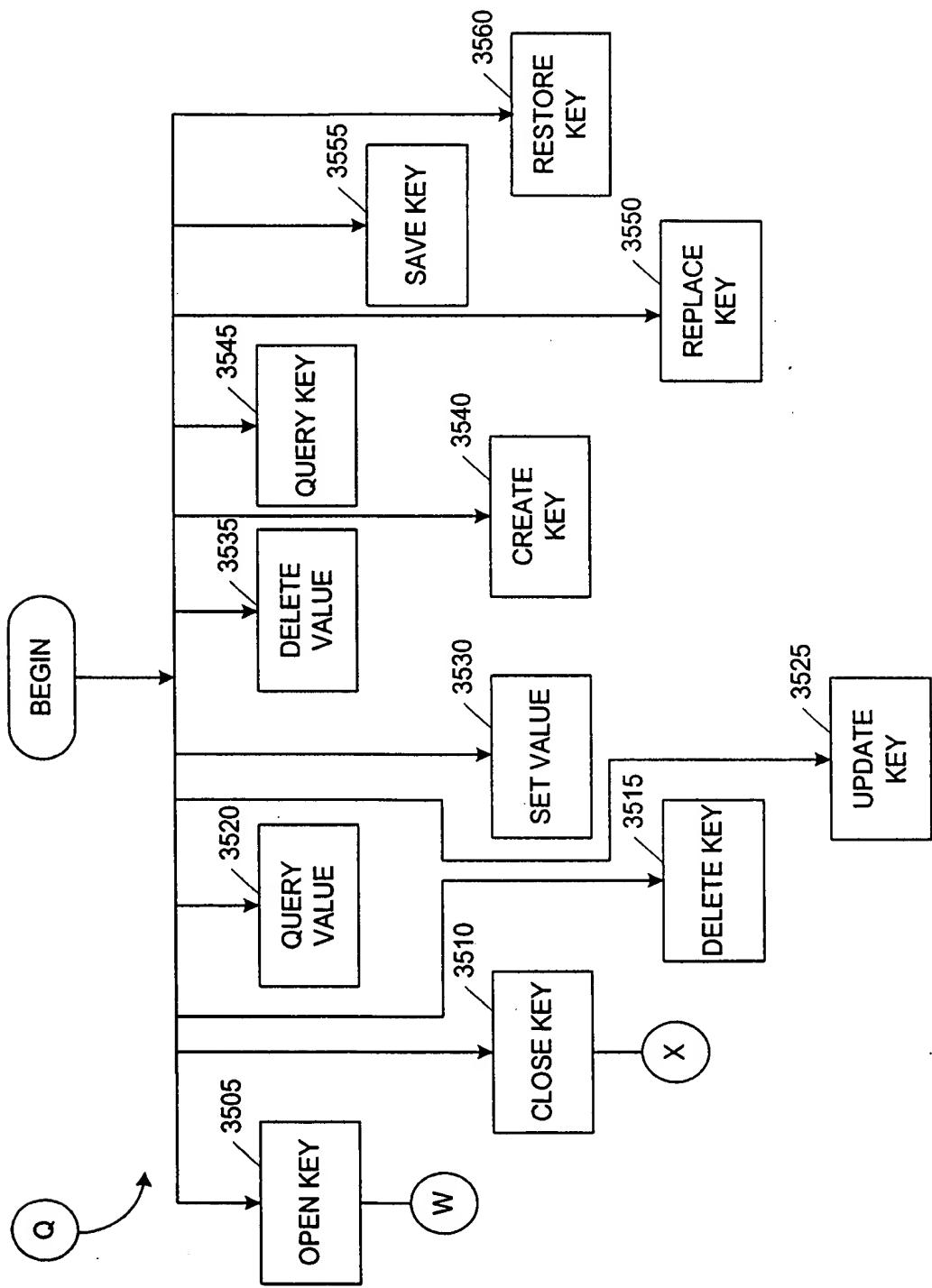


FIG. 34

FIG. 35



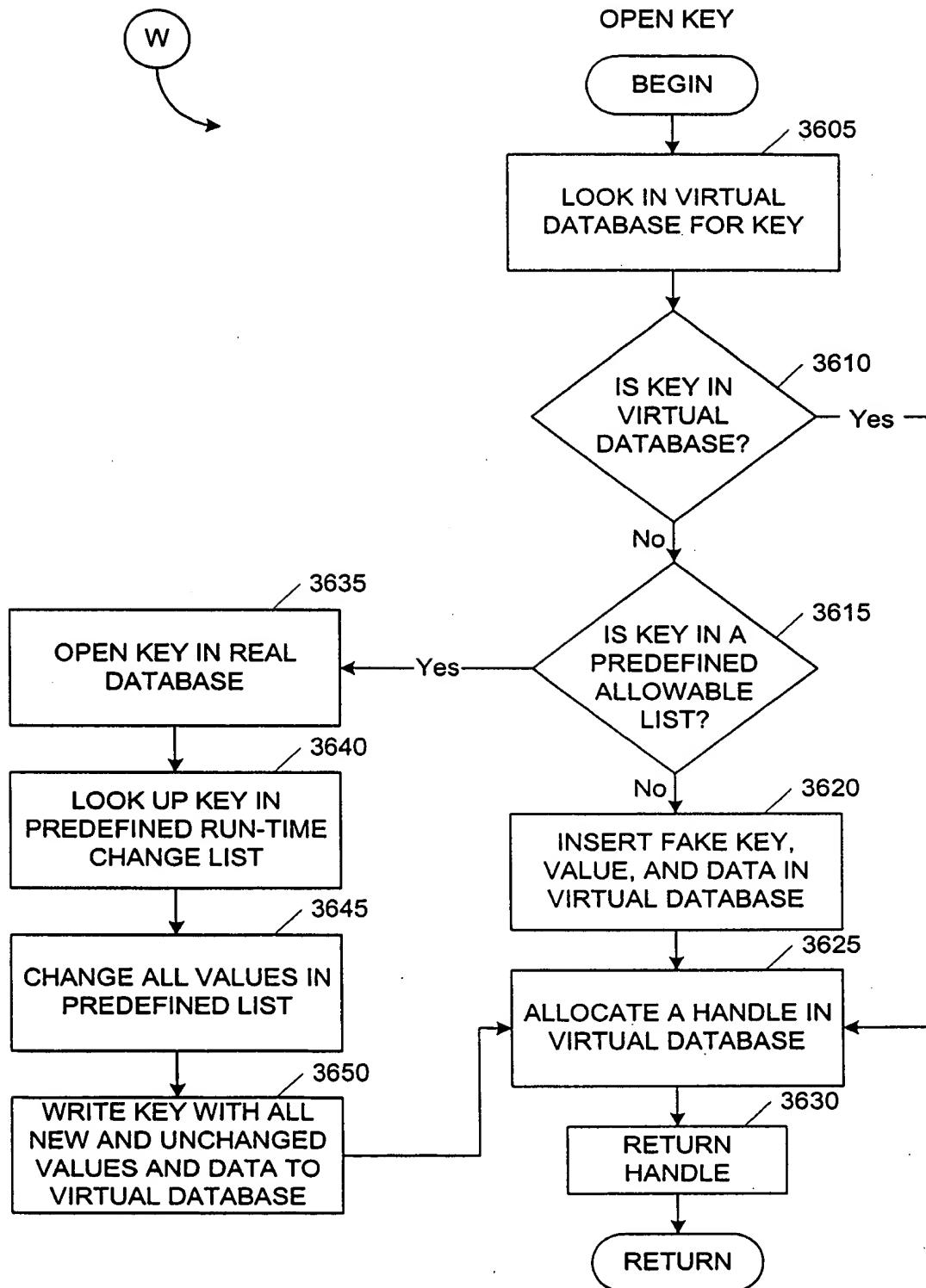


FIG. 36

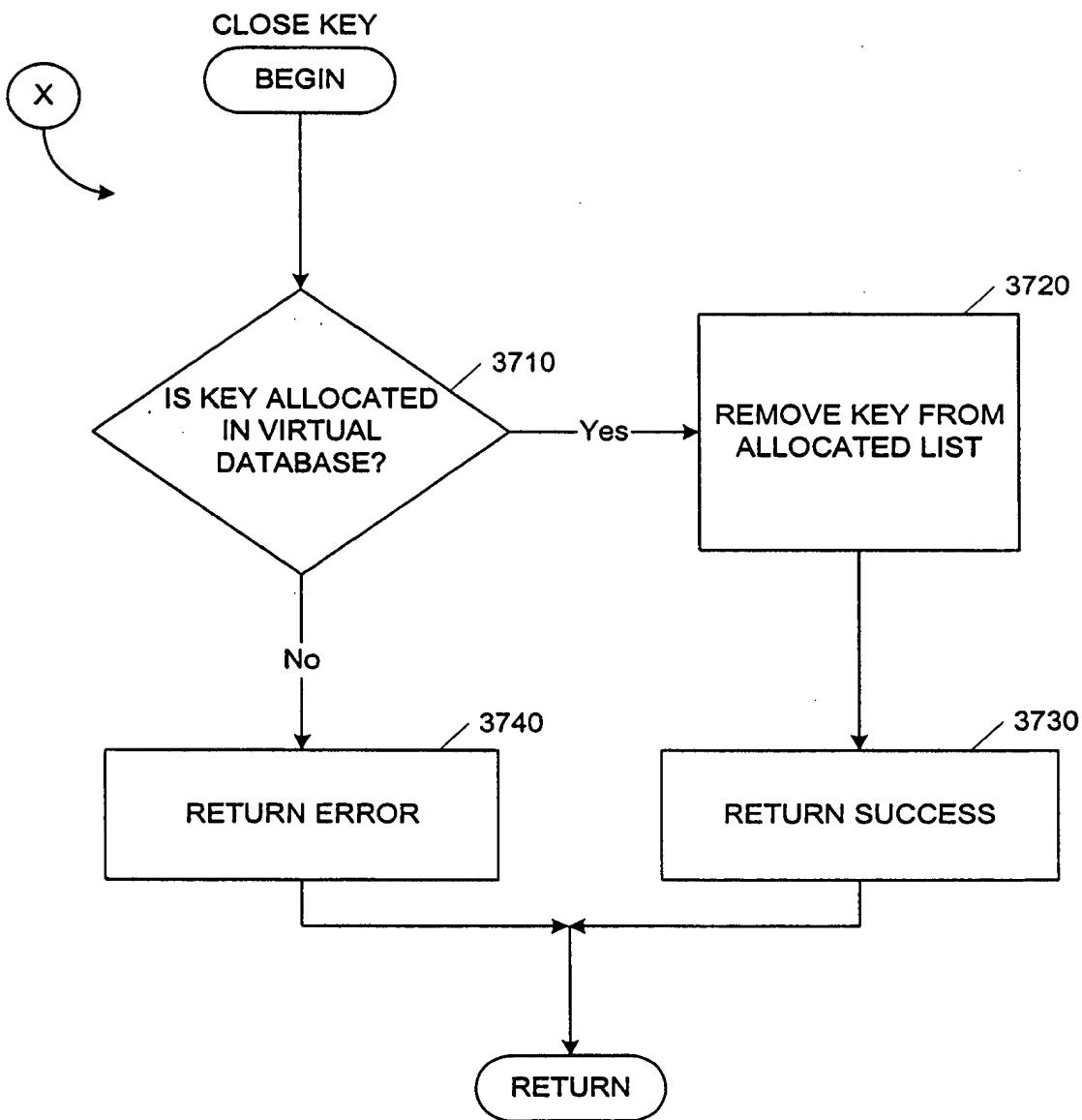


FIG. 37

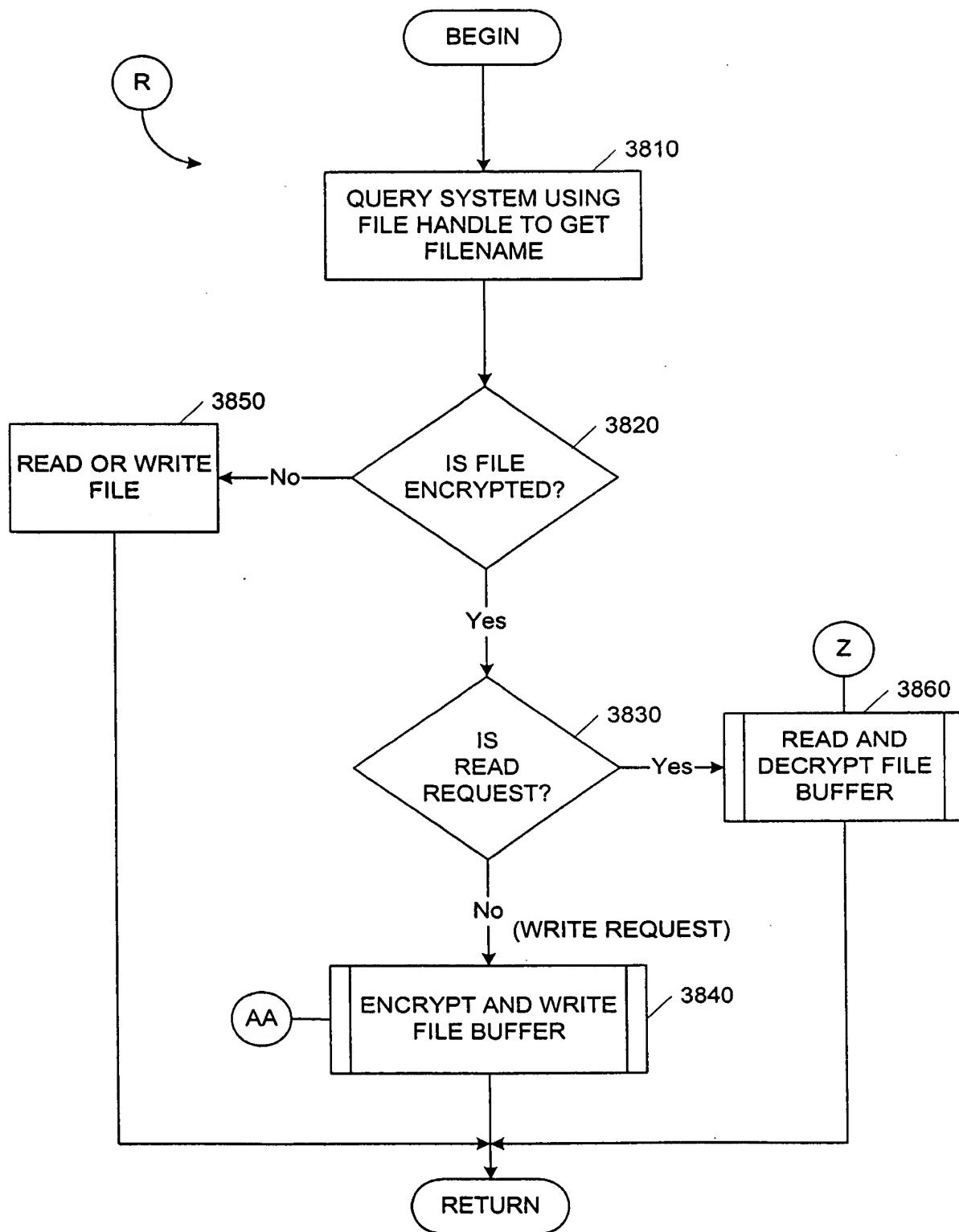


FIG. 38

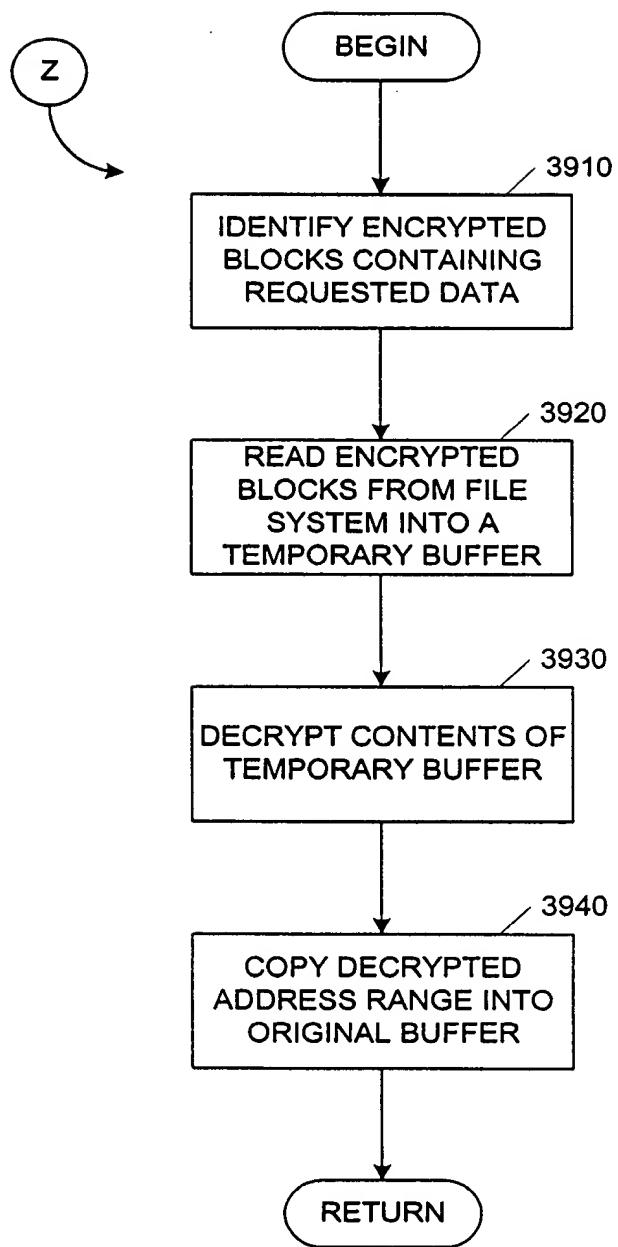


FIG. 39

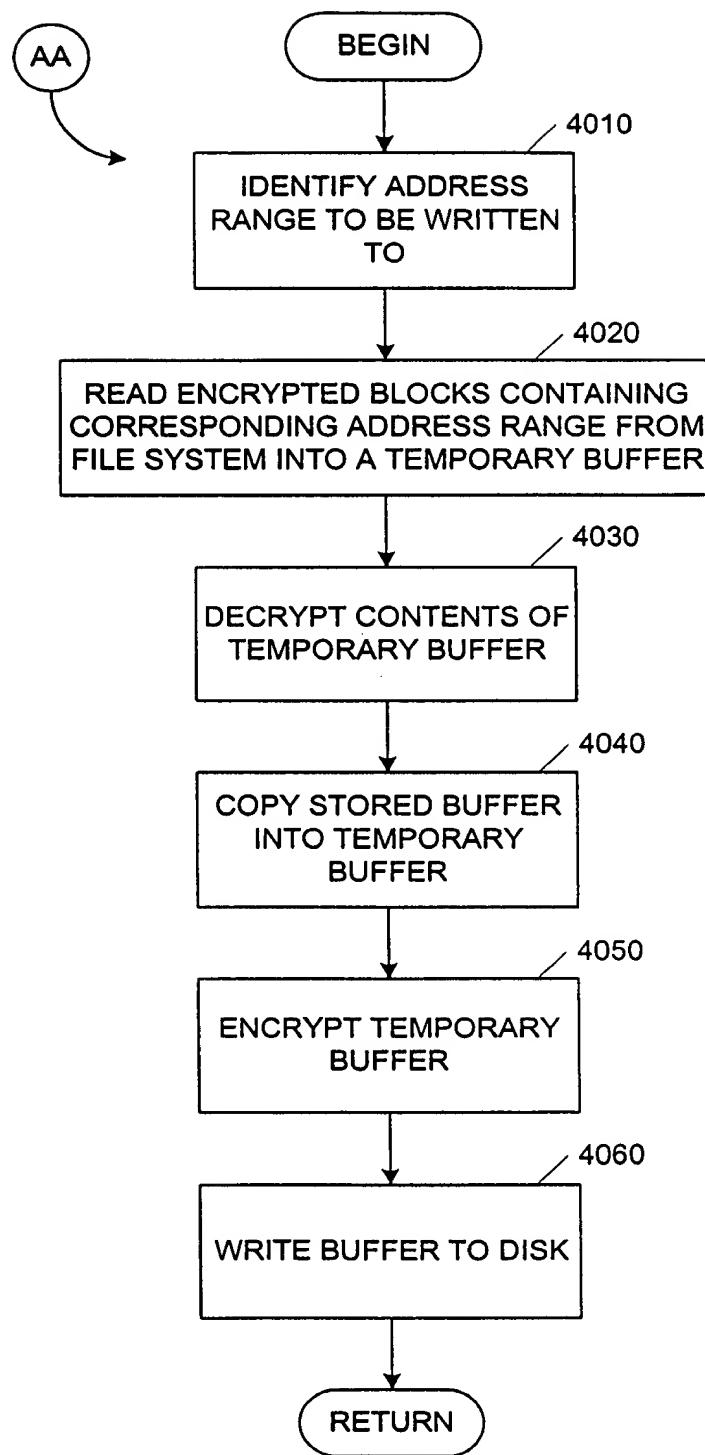


FIG. 40

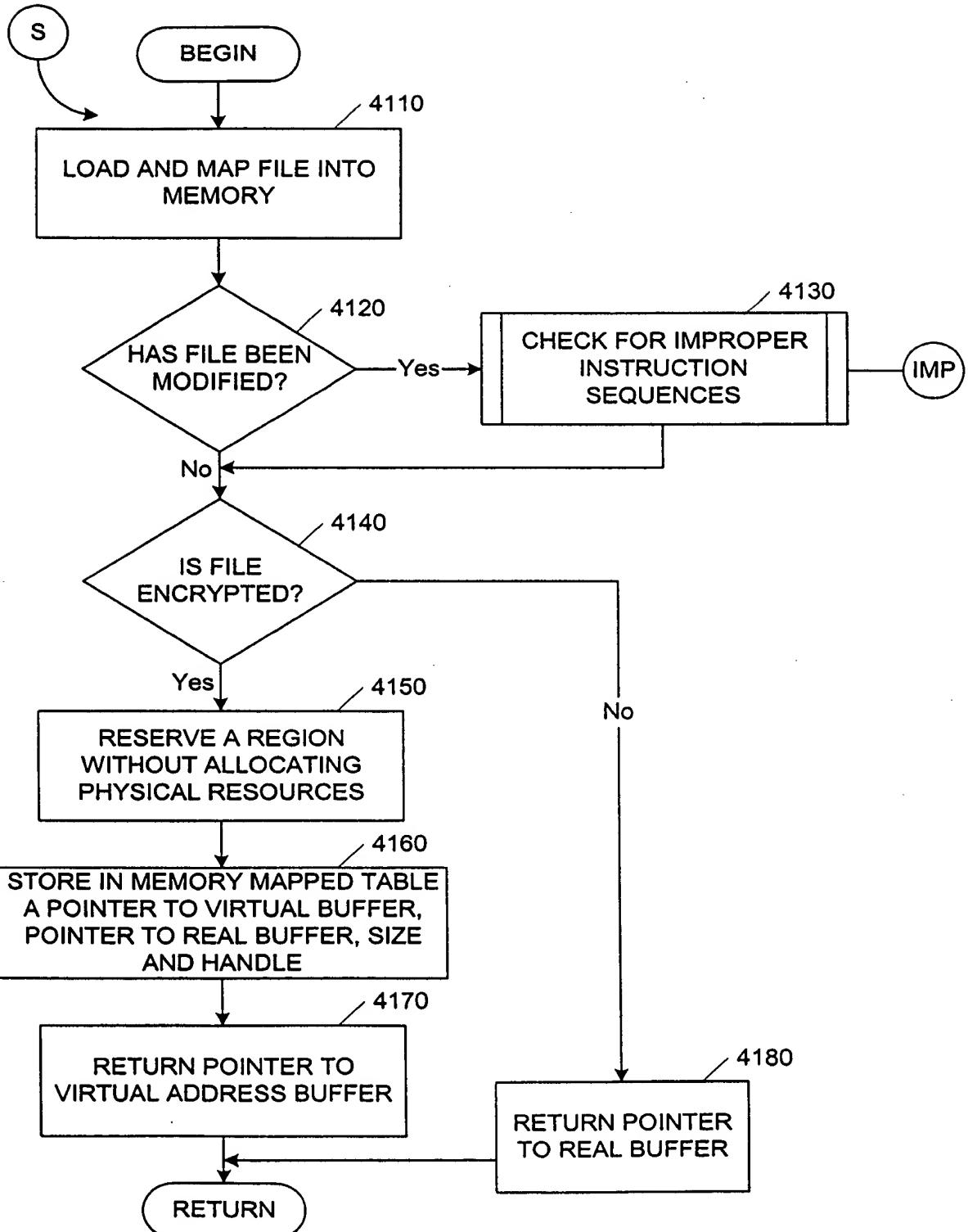


FIG. 41

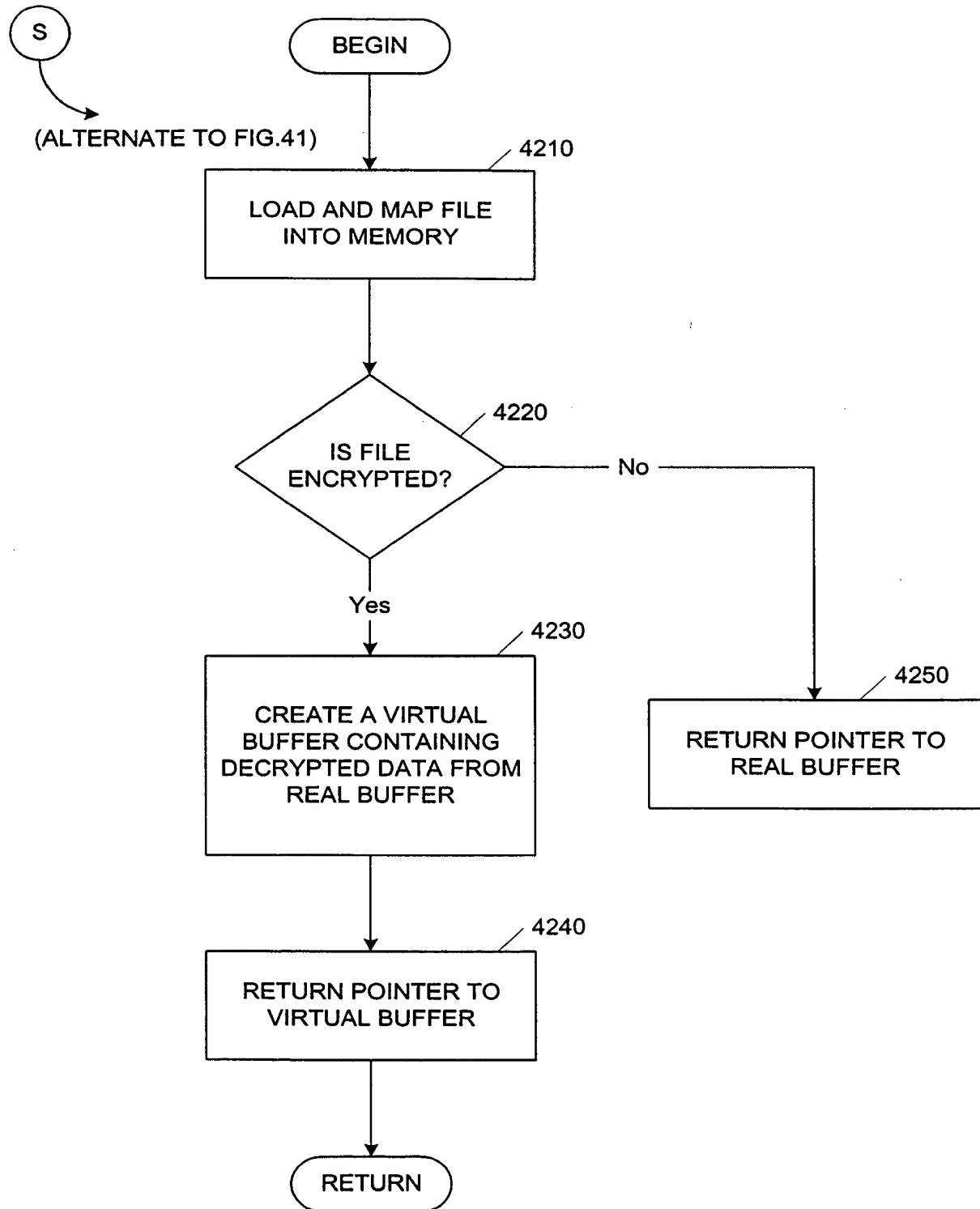


FIG. 42

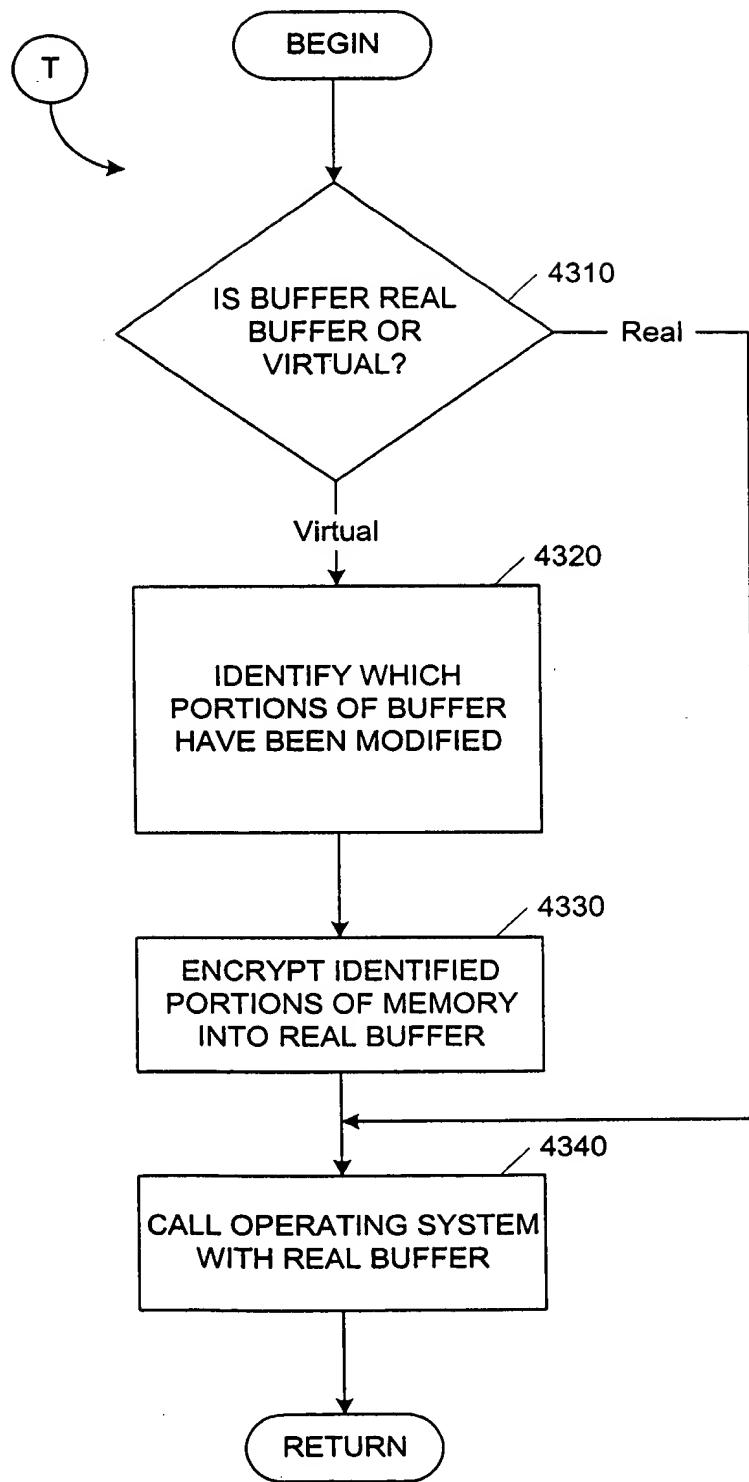


FIG. 43

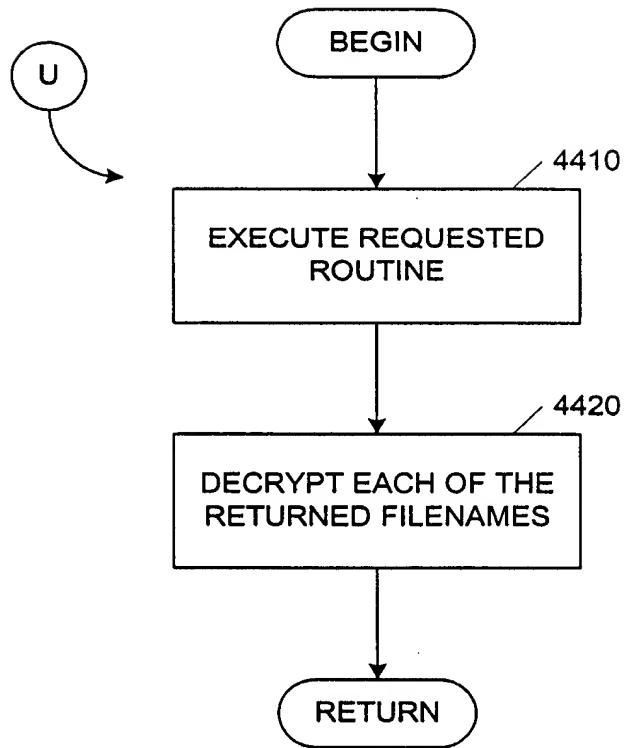


FIG. 44

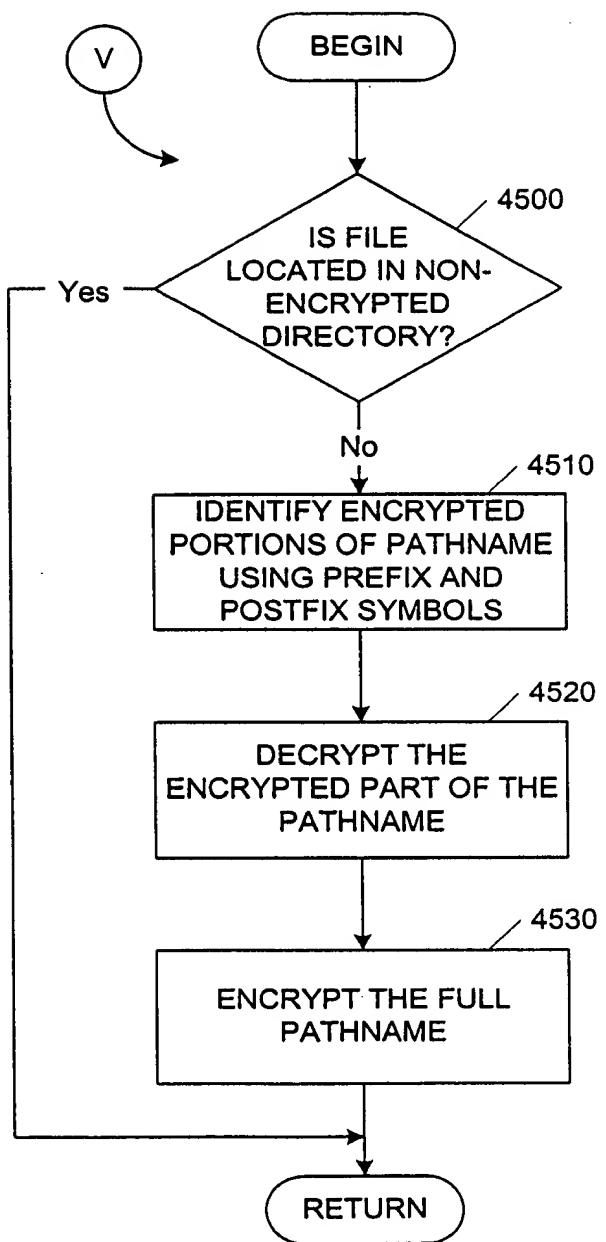


FIG. 45

TRADITIONAL
SYSTEM LAYOUT

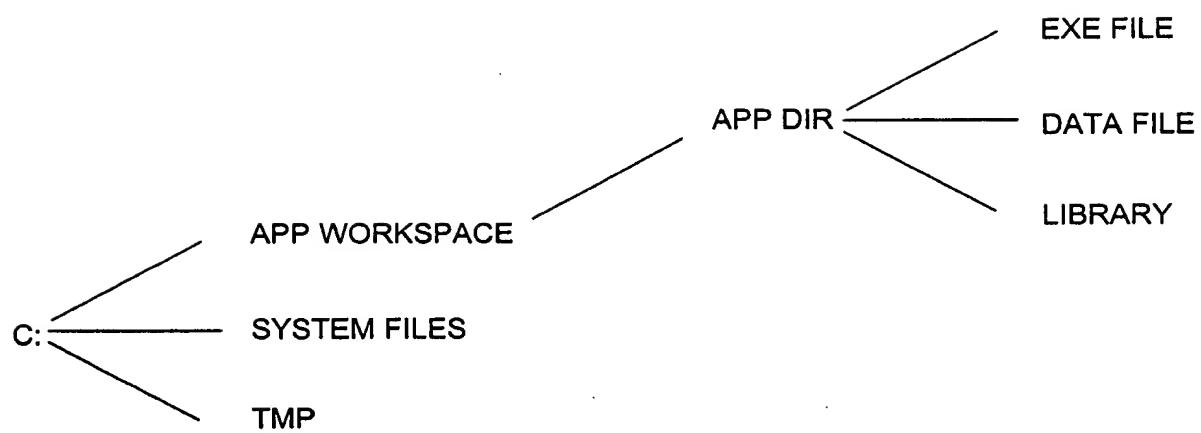


FIG. 46

VIRTUALIZED
SYSTEM LAYOUT

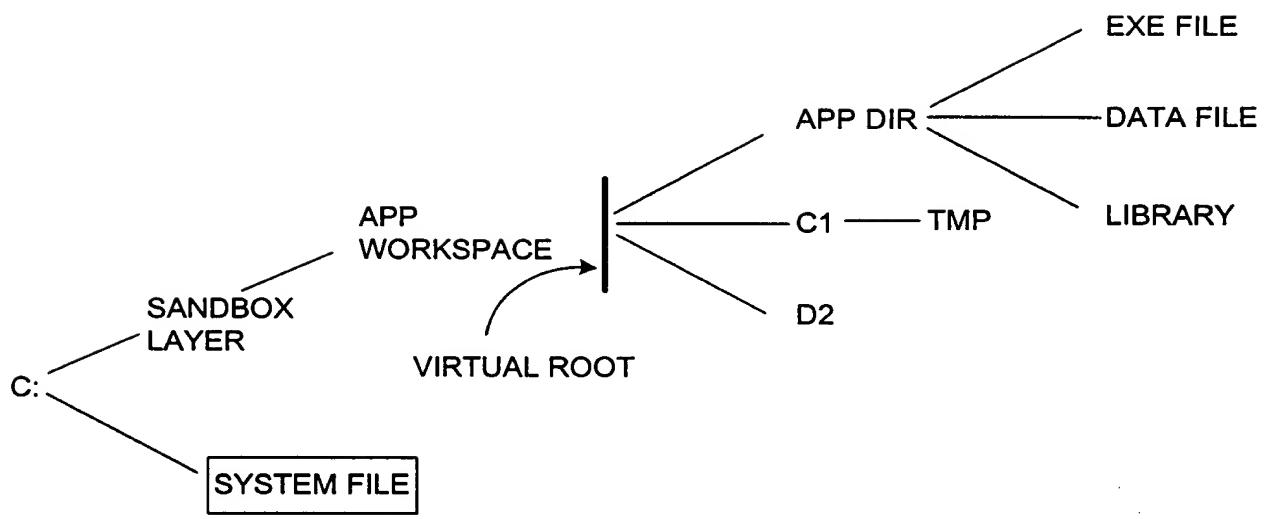


FIG. 47

SOCKET TABLE					
4800	4804	4812	4816	4820	4824
"ENTRY" LOCAL SOCKET STRUCTURE	REMOTE SOCKET STRUCTURE	SOCKET STATUS	SOCKET OPTIONS	SEND QUEUE	RECEIVE QUEUE

SOCKET STRUCTURE

- UNIQUE SOCKET ID
- SOCKET TYPE
- PROTOCOLS
- OPTIONS
- NETWORK ADDRESSES
- EVENT
- FAMILY
- BLOCKING

SOCKET STATUS

- UNCONNECTED
- RECEIVING
- SENDING
- LISTENING
- CONNECTED
- DISCONNECTED
- TERMINATED
- SHUTDOWN
- BOUND
- CONNECTING

FIG. 48

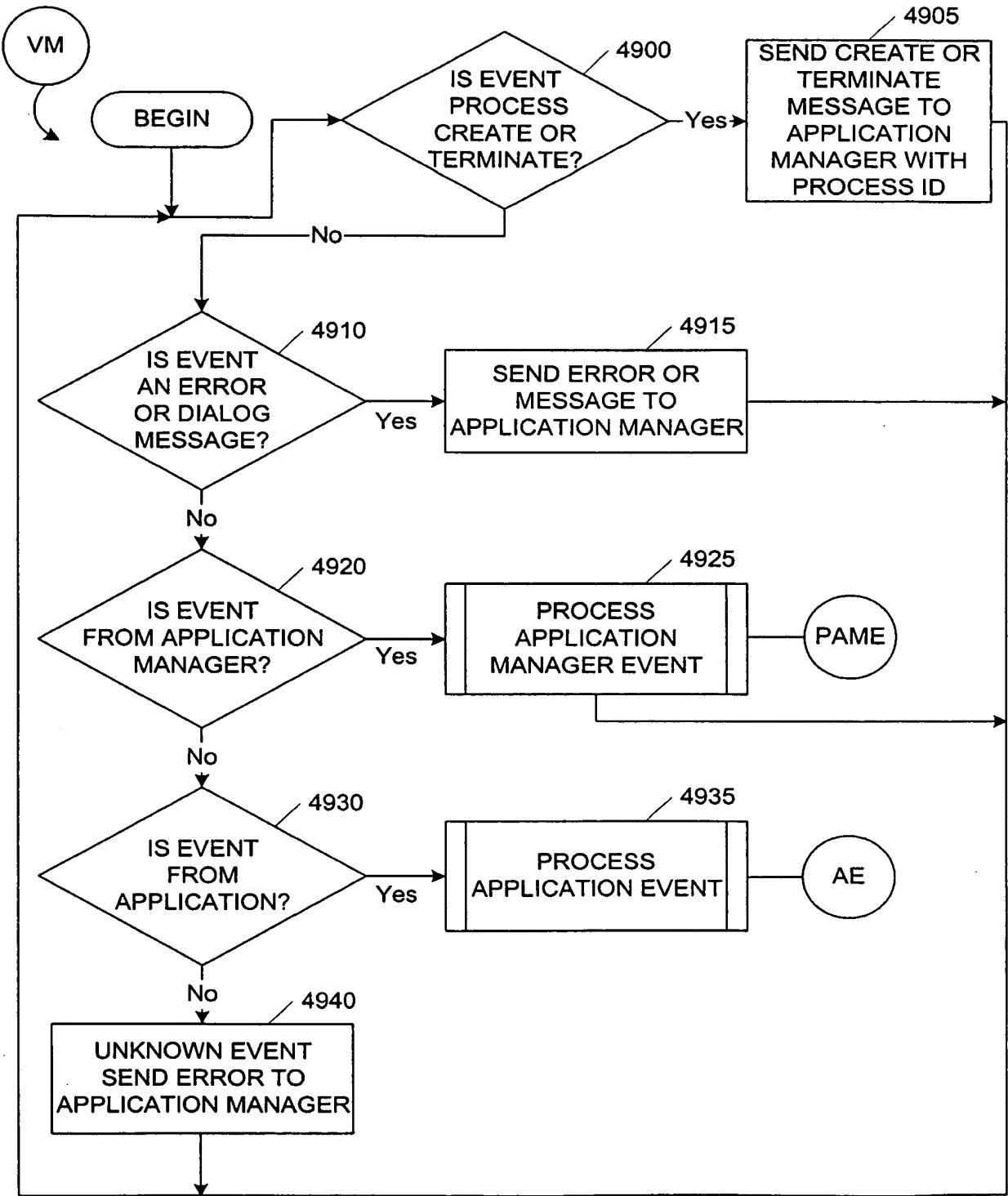


FIG. 49

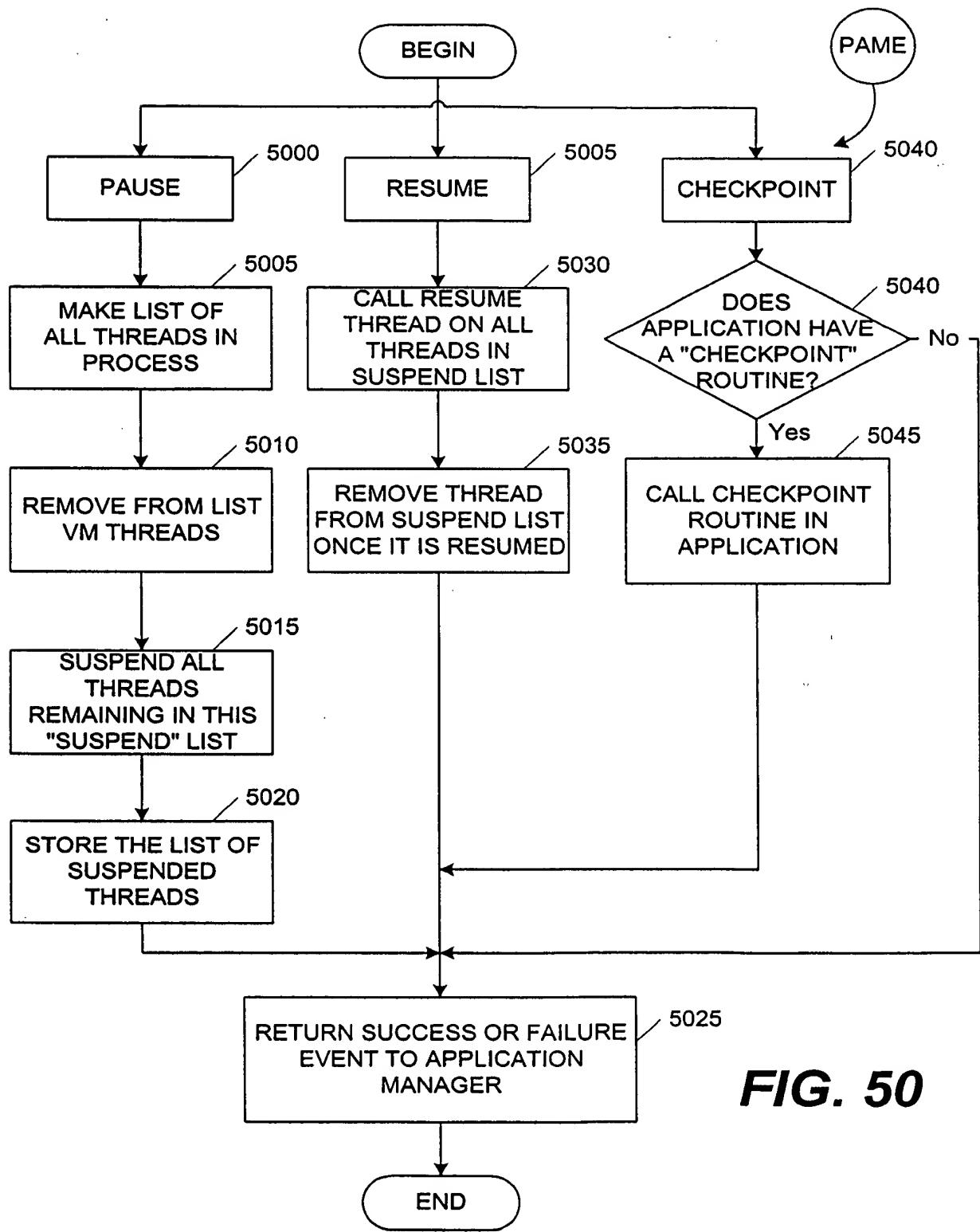


FIG. 50

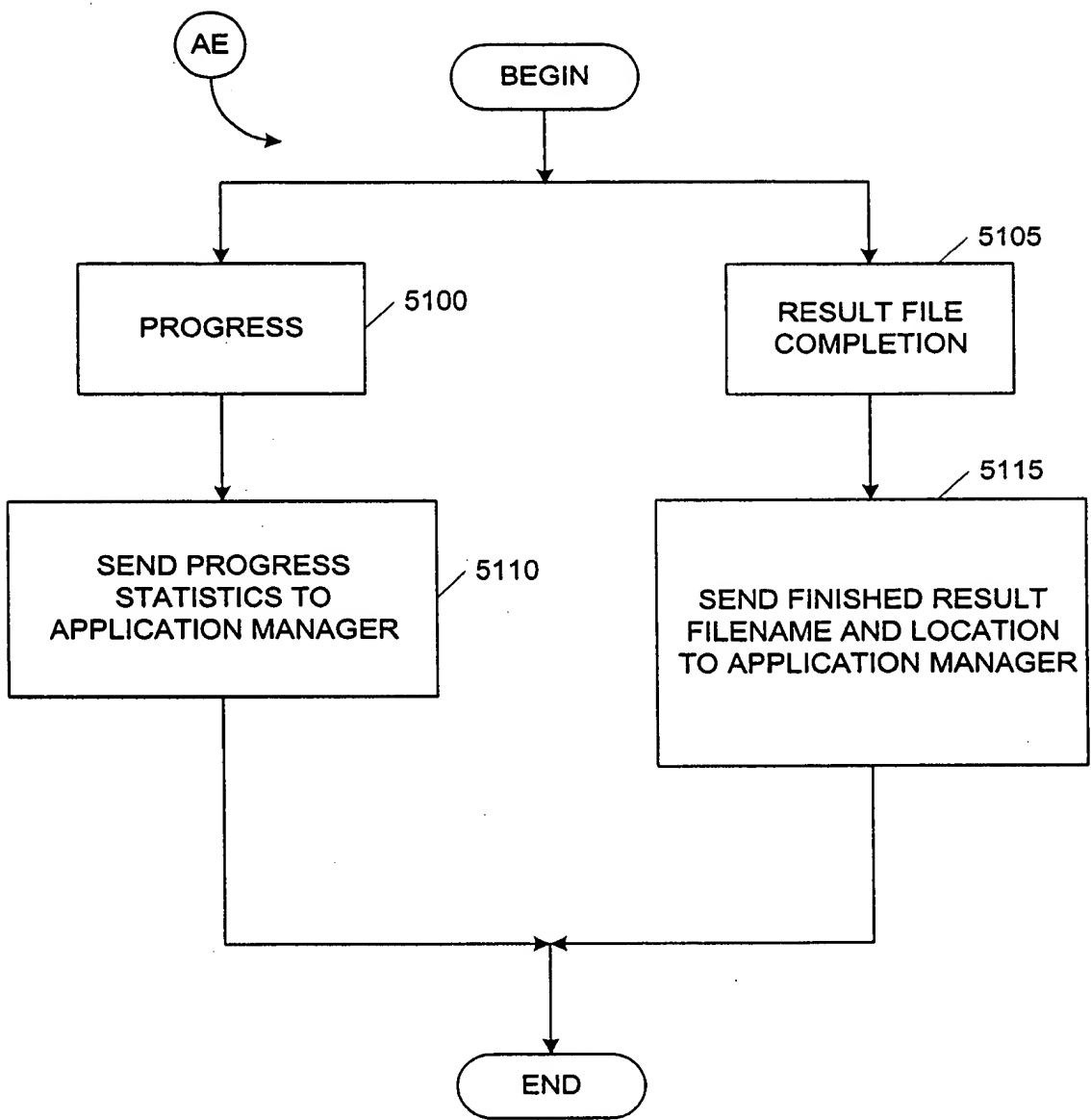


FIG. 51